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A

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Ackerman, E.—Dept. of Physics, The Pennsylvania State University, University Park, Pa., USA
Ackoff, R. L.—Operations Research Group, Case Institute of Technology, Cleveland 6, Ohio, USA
Adams, D. P.—3-338, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Adams, G. K.—20, Thanted Way, Waltham Abbey, Essex, England
Addoms, J. N.—Chem. Engng. Dept., Atlas Powder Company, Wilmington 99, Del., USA
Adler, F. T.—Physics Dept., Carnegie Institute of Technology, Pittsburgh 13, Pa., USA
Agnew, J. T.—Dept. of Mech. Engng., Purdue University, West Lafayette, Ind., USA
Aguirre, J. N.—Div. Armas y Munciones Especiales, Ezpeleta 90, Acussuso, FCNGBM, Buenos Aires, Argentina
Aiken, W. S., Jr.—Maneuver Roads, Langley Aeronautical Lab., Langley Field, Virginia, USA
Aikman, A. R.—Schlumberger Instrument Co., P. O. Box "U," Ridgefield, Conn., USA
Aksel, E.—139 Tesvikiye Caddesi, Derbi Apart. 4, Histantas, Istanbul, Turkey
Albano, H. O.—calle Washington 2767, Buenos Aires, Argentina
Albrecht, R.—Mathematisches Institut der Technischen Hochschule Walter v. Dyck Platz, 1, München 2 NW, Germany
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Alfrey, T., Jr.—Physical Research Lab., Dow Chemical Co., Midland, Mich., USA
Allen, D. N. de G.—Imperial College, London S. W. 7, England
Allen, E. G.—Aircraft Gas Turbine Div., River Works, General Electric Co., Lynn, Mass., USA
Allen, H.—Ames Aeronautical Lab., Moffett Field, Cal., USA
Alperin, M.—373 Adena St., Apartment 3, Pasadena 6, Cal., USA
Alt, F. L.—Natl. Bureau of Standards, Washington 25, D. C., USA
Altman, D.—Chemistry Section, Jet Propulsion Lab., California Institute of Technology, Pasadena 3, Cal., USA
Amstead, B. H.—Dept. of Mech. Engng., University of Texas, Austin 12, Texas, USA
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Anderson, R. C.—Dept. of Chemistry, University of Texas, Austin 12, Texas, USA
Anderson, R. J.—Southwest Research Institute, 8500 Culebra Road, San Antonio, Texas, USA
Anderson, W. J.—5082 Whitehorn Ave., North Olmsted, Ohio, USA
Andes, A. S.—Dept. of Aero. Engng., University of Kansas, Lawrence, Kansas, USA
Apati, S.—Malinovszki fasor 27, Budapest 2, Hungary
Arakawa, H.—Meteorological Research Institute, Mabashi, Suginami-ku, Tokyo, Japan
Argyris, J. H.—Aeronautics Dept., Imperial College of Science and Technology, So. Kensington, London S.W. 7, England
Armstrong, A. H.—2, Whitedown Road, Tadley near Basingstoke, Hants, England
Arnoff, E. L.—Operations Research Group, Engng. Administration Dept., Case Institute of Technology, Cleveland 6, Ohio, USA
Arnold, J. S.—Stanford Research Institute, Stanford, Cal., USA
Arnold, R. N.—Dept. of Engng., King's Bldgs.-Mayfield Rd., Edinburgh 9, Scotland
Arnstein, K.—Goodyear Aircraft Corp., Akron, Ohio, USA
Aronofsky, J.—Magnolia Petroleum Co., Field Research Laboratories, P. O. Box 900, Dallas 1, Texas, USA
Aronson, D.—Worthington Corporation, Harrison, New Jersey, USA
Arthur, R. S.—Scripps Institute of Oceanography, La Jolla, Cal., USA
Ashley, H.—Room 33-315, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Augenstein, B. W.—The Rand Corporation, 1500 4th St., Santa Monica, Cal., USA
Axilrod, B. M.—Natl. Bureau of Standards, Washington 25, D. C., USA

B

Babister, A. W.—The University, Glasgow, Scotland
Bäckström, M.—Kungliga Tekniska Högskölan, Stockholm 70, Sweden
Badgley, F. I.—Dept. of Meteorology and Climatology, University of Washington, Seattle 5, Wash., USA
Baicy, E. O.—Rm 206, TBL, Ballistic Research Labs., Aberdeen Proving Ground, Maryland, USA
Baines, W. D.—National Research Council, Montreal Road, Ottawa 2, Ontario, Canada
Baker, M. L.—305 Memorial Drive, Cambridge 39, Mass., USA
Balleisen, C. E.—Aero Div., Robertshaw-Fulton Controls Co., 401 N. Manchester, Anaheim, Calif., USA
Balloffet, A.—Tippetts, Abbett, McCarthy, Stratton, 62 W. 47th St., New York 36, New York, USA
Baltrukonis, J. H.—Lockheed Aircraft Corp., Missile Systems Div., Vay Nuys, Cal., USA
Band, W.—Physics Dept., Washington State College, Pullman, Wash., USA
Barber, E. S.—2809—2nd Road, N., Arlington, Virginia, USA
Barkley, J. F.—U. S. Dept. of Interior, Bureau of Mines, Washington 25, D. C., USA
Baron, J. R.—Naval Supersonic Lab., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Baron, M. L.—Room 425, Engineering Bldg., Columbia University, 116th Street and Broadway, New York 27, N. Y., USA
Baron, T.—Shell Development Co., Emeryville, Cal., USA
Barr, J.—Mech. Engng., Res. Annex, University of Glasgow, Spencer St., Glasgow, W.3, Scotland
Barrett, E. W.—Institute of Meterology, University of Stockholm, Lindhagensgatan 124^{V}, Stockholm K, Sweden
Barton, M. V.—Ramo-Wooldridge Corp., 8820 Bellanca Ave., Los Angeles 45, Cal., USA
Barwell, F. T.—Lubrication Div., M.E.R.O., Thorntonhall, Nr., Glasgow, Scotland
Batchelor, G. K.—Trinity College, Cambridge, England
Batdorf, S. B.—Westinghouse Research Labs., K-90, Materials Engng., East Pittsburgh, Pa., USA
Baum, W. A.—Dept. of Meteor. Florida State, University, Tallahassee, Fla., USA
Bauscher, J. A.—Research and Development Lab., United States Steel Corp., 234 Atwood Street, Pittsburgh 13, Pa., USA
Bazant, Z. J., Jr.—Sverdlova 4, Prague, Czechoslovakia
Beattie, J. A.—Massachusetts Institute of Technology, Cambridge, 39, Mass., USA
Becker, H.—Research Associate, Research Div., College of Engng., New York University, University Heights, N. Y. 53, USA
Becker, J. V.—28 Oakland Drive, Warwick, Virginia, USA
Becker, L.—838 Las Lomas, Pacific Palisades, Cal., USA
Beckett, R. E.—Mech. and Hydraulics Dept., State University of Iowa, Iowa City, Iowa, USA
Beer, H.—Lehrkanze' fuer Baustatik und Stahlbau, Technische Hochschule Graz, Graz, Austria
Behrbohm, H.—Drottninggatan 45, Linköping, Sweden
Behrens, H.—Blumenstr. 24, Weil /Rheim, Germany
Bell, C. R.—P. O. Box 445, Chicago 90, Ill., USA
Bellin, A. I.—107 Nahant St., Lynn, Mass., USA
Bendersky, D.—Eng. Div., Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
Benington, F.—Battelle Memorial Institute, 505 King Ave., Columbus, Ohio, USA
Benjamin, I. A.—7819 Drexel, University City 24, Mo., USA
Bennett, A. A.—Math. Dept., Brown University, Providence 12, R. I., USA
Bennett, F. D.—139 Broadway, Bel Air, Maryland, USA
Bennett, J. A.—Natl. Bureau of Standards, Washington 25, D. C., USA
Benscoter, S. U.—928 17th St., Apartment C, Santa Monica, Cal., USA
Benthem, J. P.—Nationaal Luchtvaartlaboratorium, Sloterweg 145, Amsterdam, Holland
Benton, G. S.—Dept. of Civil Engng., The Johns Hopkins University, Baltimore, Maryland, USA
Beránek, J.—Kotlarska 2, Brno, Czechoslovakia
Bergelin, O. P.—University of Delaware, Newark, Del., USA

BERGEN, J. T.—Research Laboratories, Armstrong Cork Co., Lancaster, Pa., USA
BERGH, H.—National Aeronautical Research Institute, Sloterweg 145, Amsterdam, W., Holland
BERGRUN, N. R.—Ames Aeronautical Lab., Moffett Field, Cal., USA
BERNDT, S. B.—FFA, Ulvsunda 1, Sweden
BERNER, F.—3300 West 69th Street, Kansas City 13, Mo., USA
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BERTRAM, M. H.—232 Newport News Ave., Hampton, Virginia, USA
BESSELING, J. F.—Nationaal Luchtvaartlaboratorium, Sloterweg 145, Amsterdam, Holland
BEST, R.—C-1 Bldg., Southwest Research Institute, 8500 Culebra Road, San Antonio, Texas, USA
BETCHOV, R.—Institute of Aeronautics, The Johns Hopkins University, Baltimore 18, Maryland, USA
BETH, E. W.—5 East Monroe Ave., Alexandria, Virginia, USA
BETZ, A.—Herzbergerlandstr. 39a, Göttingen (British Zone), Germany
BIBERMAN, L. M.—411 Nimitz Road, China Lake, Cal., USA
BIDWELL, J. B.—485 West Milwaukee Ave., Detroit, Mich., USA
BIELKOWICZ, P.—Dept. of Aero. Engng., USAF Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA
BIEZENO, C. B.—Laboratorium voor Toegepaste Mechanics, Technische Hoogeschool, Nieuwe Laan 76, Delft, Holland
BIGNOLI, A. J.—Av. de Los Incas 3515, Buenos Aires, Argentina
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BILHARZ, H.—6 Theodor-Koerner-Str., Wuerzburg, Germany
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BLACK, I. A.—1008 W. Missouri Ave., Midland, Texas, USA
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BLOCK, A. C.—Electronic Devices, Boeing Airplane Company, Seattle, 14, Wash., USA
BLOCK, H. D.—White Hall, Cornell University, Ithaca, New York, USA
BLOK, H.—Dept. of Mech. Engng., Technical University, 76 Nieuwe Laan, Delft, Holland
BLOMQVIST, N. G.—Institute of Mathematical Statistics, Norrtullsgatan 16, Stockholm, Sweden
BLOOM, H. L.—Campbell Ave. Plant, Building No. 1, General Electric Co., Schenectady, N. Y., USA
BODGER, W. K.—Case Institute of Technology, University Circle, Cleveland 6, Ohio, USA
BOEHM, J.—812 Hermitage St., Huntsville, Ala., USA
BOELTER, L. M. K.—University of California, Los Angeles 24, Cal., USA
BOGDANOFF, J. L.—Heavilon Hall, Purdue University, West Lafayette, Ind., USA
BOGUNOVIĆ, V.—Palmoticéva 31, Beograd, Yugoslavia
BOITEN, R. G.—Dept. of Mech. Engrs., Nieuwe Laan 76, Delft, Holland
BOLEY, B. A.—Room 423 Engineering, Columbia University, Broadway and 117th St., New York 27, N. Y., USA
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BONILLA, C. F.—Dept. of Chemical Engng., Columbia University, New York, N. Y., USA
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BOTMAN, M.—Slotermeerlaan 159[II], Amsterdam, Holland
BOTTEMA, O.—Charlotte de Bourbonstraat 2, Delft, Holland
BOWDITCH, F. W.—Fuels and Lubricants Dept., Research Laboratories Div., General Motors Corp., P. O. Box 188, North End Station, Detroit 2, Mich., USA
BOWER, R. E.—Research Engineer, Grumman Aircraft Engng. Corp., Bethpage, L. I., N. Y., USA
BOYER, M. C.—Dept. of Mechanics and Hydraulics, State University of Iowa, Iowa City, Iowa, USA
BRAGAW, C. G., JR.—Research Div., Polychemicals Dept., Experimental Station, E. I. du Pont de Nemours & Co., Inc., Wilmington, Delaware, USA
BRANDES, G.—Schwangan bei Fussen An der Dornzeile 168, Germany
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BRAUN, G. W.—33 Pecan Drive, Alamogordo, New Mex., USA
BRENNAN, J. N.—Dept. of Engng. Mech., The Pennsylvania State University, University Park, Pa., USA
BRESLER, B.—Engineering Materials Lab., University of California, Berkeley 4, Cal., USA
BRESLIN, J. P.—82 Winding Way, Cedar Grove, New Jersey, USA
BREUER, D. W.—Mechanics Dept., USAF Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA
BROADSTON, J. A.—23000 Califa Street, Woodland Hills, Cal., USA
BRODSKY, A.—1217 Park Ave., New York 28, N. Y., USA
BROEP, L. J. F.—Laboratorium voor Aero- en Hydrodynamica der Technische Hogeschool Nieuwe Laan 76, Delft, Holland
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BUDIANSKY, B.—307 Pierce Hall, Harvard University, Cambridge, Mass.
BUDINSKY, F.—Barrandov, NA Habrove 26, Praha 16, Czechoslovakia
BUCKNER, H.—3049 Jeanne Drive, Schenectady 3, N. Y., USA
BUHLER, R. D.—570 Sierra Vista, San Marino 9, Cal., USA
BUHRMAN, J.—Nationaal Luchtvaartlaboratorium, Sloterweg 145, Amsterdam, W, Holland
BULGHERONI, J. A.—Ezpeleta 90, Acussuso, FNGBM, Prov. de Buenos Aires, Argentina
BULL, G. V.—Defence Research Bd., P. O. Box 1427, Quebec, Canada
BULLEN, K. E.—Dept. of Math., University, Sydney, N.S.W., Australia
BUNDY, F. P.—Research Laboratory, General Electric Co., P.O. Box 1088, Schenectady, N. Y., USA
BURGERS, J. M.—Inst. for Fluid Dynamics & Appl. Math., University of Maryland, College Park, Maryland, USA
BURN, A.—University of Tasmania, Tasmania, Australia
BURTON, R. A.—211 South Garth St., Columbia, Mo., USA
BUSINGER, J. A.—Instituut voor Tuinbouwtechniek, Lage Steeg 10, Wageningen, Holland
BYRD, P. F.—3235 Emerson Ave., Palo Alto, Cal., USA

C

CALCOTE, H. F.—Experiment, Inc., P.O. Box 1-T, Richmond 2, Virginia, USA
CAMBEL, A. B.—Dept. of Mech. Engng., Northwestern University, Evanston, Ill., USA
CAPRIOLI, L.—Via Galliera 70, Bologna, Italy
CAREY, R. H.—Bakelite Div., Union Carbide and Carbon Corp., Bound Brook, New Jersey, USA

CARLSON, G. R.—Central Scientific Co., 1700 Irving Park Rd., Chicago 13, Ill., USA
CARR, J. H.—265 W. Grandview, Sierra Madre, Cal., USA
CARRIER, G.—Harvard University, Cambridge 38, Mass., USA
CARRIZO RUEDIA, J.—Esteban Bonorino 124, Buenos Aires, Argentina
CARSTENS, M. R.—School of Civil Engng., Georgia Institute of Technology, Atlanta, Ga., USA
CARTER, W. J.—Dept. of Mech. Engng., University of Texas, Austin 12, Texas, USA
CARVER, C. E., JR.—Hydrodynamics Section-Mail No. 370-B, The Glenn L. Martin Co., Baltimore 3, Maryland, USA
CATTANEO, A. G.—Fuels and Lubricants Engng. Dept., Shell Development Co., Emeryville, Cal., USA
CAYWOOD, T. E.—Caywood-Schiller Associates, 203 North Wabash Ave., Chicago 1, Ill., USA
CHADDOCK, J. B.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
CHANG, C. C.—Aero. Engng. Dept., University of Minnesota, Minneapolis 14, Minn., USA
CHAO, B. T.—Dept. of Mech. Engng., University of Illinois, Urbana, Ill., USA
CHAPLIN, T. K.—Building Research Station, Garston, Watford, Herts, England
CHAPMAN, A. J.—Mech. Engng. Dept., Rice Institute, P.O. Box 1892, Houston, Texas, USA
CHAPMAN, D. R.—Ames Aeronautical Lab., Moffett Field, Cal., USA
CHARTERS, A. C.—Ames Aeronautical Lab., Moffett Field, Cal., USA
CHASHIN, Z.—Rheological Lab., Israel Institute of Technology, Haifa, Israel
CHENEY, J. A.—19530 Stagg Street, Reseda, Cal., USA
CHENG, D. H.—534 River Road, Teaneck, New Jersey, USA
CHENG, S.-I.—Aero. Engng. Dept., Princeton University, Princeton, New Jersey, USA
CHERNIAK, G. S.—121 Cabot Street, Newton, Mass., USA
CHIARULLI, P.—Grad. Div. of Appl. Math., Brown University, Providence 12, R. I., USA
CHILDS, J. H.—7474 Columbia Road, Olmster Falls, Ohio, USA
CHILTON, E. G.—Shell Development Co., Emeryville, Cal., USA
CHRISTENSEN, H.—Harald Bothners vei 30, Trondheim, Norway
CHRISTENSEN, S. H.—224 Wellington St., S.W., Atlanta 14, Georgia, USA
CHU, B. T.—Department of Aeronautics, The Johns Hopkins University, Baltimore 18, Maryland, USA
CHU, J. C.—Dept. of Chemical Engng., Polytechnic Institute of Brooklyn, 85 Livingston St., Brooklyn, N. Y., USA
CHURCH, A. H.—New York University, University Heights, New York 53, N.Y., USA
CICALA, P.—Via Artisti 28, Torino, Italy
CITRINI, D.—Istituto di Idraulica, Politecnico di Milano, Milano, Italy
CLARK, J. A.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
CLARK, J. W.—Aluminum Research Laboratories, New Kensington, Pa., USA
CLARK, R. A.—Case Institute of Technology, Cleveland, Ohio, USA
CLARK, T. P.—Lewis Flight Propulsion Lab., Cleveland, Ohio, USA
CLAUSER, F. H.—The Johns Hopkins University, Baltimore 18, Maryland, USA
CODEGONE, C.—Istituto di Fisica Tecnica, Politecnico di Torino, Castello del Valentino, Torino, Italy
COHEN, E. S.—Dept. of Chemical Engr., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
COHEN, H. G.—Dept. of Math., Carnegie Institute of Technology, Pittsburgh 13, Pa., USA
COHEN, J. W.—Fred. van Eedenlaan 46, Hilversum, Holland
COLDREN, C. L.—Shell Development Co., Emeryville, Cal., USA
COLE, J. D.—Dept. of Aeronautics, California Institute of Technology, Pasadena, Cal., USA
COLLIS, D. C.—Box 4331, G.P.O., Melbourne, C.1, Australia
COLWELL, L. V.—Dept. of Production Engng., University of Michigan, Ann Arbor, Mich., USA
CONN, W. M.—6312 Indiana Ave., Kansas City 30, Mo., USA
CONNOLLY, T. J.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
CONVERSE, F. J.—California Institute of Technology, Pasadena, Cal., USA
CONWAY, H. D.—Mechanics Dept., Cornell University, Ithaca, New York, USA
COOKE, J. C.—University of Malaya, Cluny Road, Singapore, British Malaya
COOPER, W. E.—Reactor Engineering Section, Knolls Atomic Power Lab., Schenectady, N. Y., USA
CORBEN, H. C.—Dept. of Physics, Carnegie Institute of Technology, Schenley Park, Pittsburgh 13, Pa., USA
CORNELL, W. G.—Aircraft Gas Turbine Dept., General Electric Co., P.O. Box 196, Cincinnati 15, Ohio, USA
CORNER, J.—12 Sutton Road, Basingstoke, Hants, England
CORNET, I.—Div. of Mech. Engng., University of California, Berkeley 4, Cal., USA
CORNOG, R.—Rheem Manufacturing Company, 9236 East Hall Road, Downey, Cal., USA
CORR, J. E.—Bldg. 273, Rm 370, General Electric Co., Schenectady 5, N. Y., USA
CORREIA DE ARAUJO, F. J. S.—Rua de Carlos Malheiro Dias, 71—Porto, Portugal
CORRSIN, S.—The Johns Hopkins University, Baltimore 18, Maryland, USA
CORTEN, H. T.—321a Talbot Lab., University of Illinois, Urbana, Ill., USA
COSTAKOS, N. C.—D/452, Structures, Goodyear Aircraft Corp., Akron 15, Ohio, USA
COTTRELL, T. L.—Imperial Chemical Industries Ltd., Nobel Division, Research Dept., Stevenston, Ayrshire, Scotland
COUCH, R. B.—5901 Jarvis Lane, Bethesda 14, Maryland, USA
COURTNEY-PRATT, J. S.—Res. Lab. on the Physics and Chemistry of Surfaces, Dept. of Physical Chemistry, University of Cambridge, Free School Lane, Cambridge, England
COVERT, E. E.—Naval Supersonic Lab., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
COX, R. N.—Armaments Research Establishment, Fort Halstead, Kent, England
CRAEMER, H.—Moghalpura College of Engineering and Technology, Lahore, Pakistan
CRAIN, C. M.—University of Texas, Austin 12, Texas, USA
CRANDALL, S. H.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge, 39, Mass., USA
CRANE, R. M.—474 Paco Drive, Los Altos, Cal., USA
CRAVEN, J. P.—David W. Taylor Model Basin, Washington 7, D. C., USA
CRAYA, A.—Faculté des Sciences, Institut Fourier, Université de Grenoble, Place de Doyen-Gosse, Grenoble, France
CROCCO, L.—74 College Road, Princeton, New Jersey, USA
CROCE, A.—Istituto di Idraulica e Geotecnica, Università di Napoli, via Mezzo Cannone 16, Napoli, Italy
CSONKA, P.—Jozsef Nador Muegyetem, Muegyetem rakpart, Budapest, Hungary
CULVER, R.—Civil Engng. Dept., University of Adelaide, Adelaide, South Australia

D

DAHL, N. C.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
DALLAVALLE, J. M.—Georgia Institute of Technology, Atlanta, Ga., USA
DANIELS, W. T.—772 Kenilworth Terrace, N. E., Washington 19, D. C., USA
D'APPOLONIA, E.—Dept. Civil Engng., Carnegie Institute of Technology, Pittsburgh 13, Pa., USA
DAS, S. C.—Dept. of Math., Chandernagore College, Chandernagore, West Bengal, India
DASKIN, W.—1729 Berkley Ave., Cincinnati 17, Ohio, USA
DAUNT, J. G.—Ohio State University, Columbus, Ohio, USA
DAVID, F. W.—Aeronautical Research Labs., Dept. of Supply, Box 4331, GPO, Melbourne, C.1, Australia
DAVIDSON, J. F.—University Dept. of Chemical Engng., Tennis Court Road, Cambridge, England
DAVIDSON, J. H.—General Engng. Lab., General Electric Co., One River Road, Schenectady 5, N. Y., USA
DAVIES, R. M.—Dept. of Physics, University College of Wales, Aberystwyth, Wales
DAVIS, E. A.—Westinghouse Research Labs., East Pittsburgh, Pa., USA
DAVIS, W. F.—156 Corte Madera Rd., Menlo Park, Cal., USA
DEACON, E. L.—Section of Meteorological Physics, C.S.I.R.O., Highett, Melbourne, Australia
DEISSLER, R. G.—Lewis Flight Propulsion Lab., NACA, Cleveland, Ohio, USA
DE JAGER, E. M.—National Aeronautical Research Institute, Sloterweg 145, Amsterdam, W, Holland
DE JUHASZ, K. J.—Chem. Div. Hq. USAREUR, APO 403, % PM, New York, N. Y., USA

DE KAZINCZY, G.—K. F. Arkitektkontor, Stadsgarden 6, Stockholm, Sweden
DELACRE, J. R.—Street Carlos Pellegrini 1594, Buenos Aires, Argentina
DELAPP, W.—Dept. of Civil Engng., University of Colorado, Boulder, Colo., USA
DELATYCKI, O.—Flat 5, 95 Alma Road, East St., Kilda Road, Victoria, Australia
DELBOURGO, R.—Laboratoire de Chimie Generale, Faculté des Sciences de l'Université de Paris, 1, Rue Victor-Cousin, Paris, France
DELPINI, J. L.—Univ. of Buenos Aires, Piedras 172, Piso 5°, Buenos Aires, Argentina
DEMEULEMEESTER, D.—Boulevard Albert, 115-Gand, Ghent, Belgium
DEN HARTOG, J. P.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
DE NIE, F. C.—Lessinglaan 95, Utrecht, Holland
DENNIS, W. R.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
DERESIEWICZ, H.—Dept. of Civil Engng., Columbia University, 632 West 125th St., New York 27, N. Y., USA
DETRA, R. W.—Aerodynamic Research Section, AGT Engineering, Westinghouse Electric Corp., Troost & Bannister, Kansas City, Mo., USA
DEVINATZ, A.—Dept. of Math., University of Connecticut, Storrs, Conn., USA
DE VRIES, D. A.—Regional Pastoral Lab., P.O. Box 26, Deniliquin, N.S.W., Australia
DE WITTE, G.—Laboratories & Research, Royal Netherlands Blast Furnaces & Steelworks, Ijmuiden, Holland
DEYOUNG, J.—735 Matadero Ave., Palo Alto, Cal., USA
DIEDERICH, F. W.—12-C Elizabeth Road, Hampton, Virginia, USA
DIETZ, A. G. H.—Engineering and Construction, Massachusetts Institute of Technology, Cambridge, Mass., USA
DIMAGGIO, F.—Dept. of Civil Engng., Columbia University, New York 27, N. Y., USA
DIXON, H. H.—827—25th St., Santa Monica, Cal., USA
DOHRENWEND, C. O.—Rensselaer Polytechnic Institute, Troy, N. Y., USA
DOLAN, T. J.—214 Talbot Lab., College of Engng., University of Illinois, Urbana, Ill., USA
DONELY, P.—Nat. Adv. Comm. Aero., Langley Field, Virginia, USA
DONNELL, L. H.—Illinois Institute of Technology, Chicago 16, Ill., USA
DOUGHTY, D. L.—Shell Development Company, Emeryville, Cal., USA
DRAKE, R. M., JR.—Development Engine Section, Building 100, Aircraft Turbine Div., General Electric Co., Cincinnati 15, Ohio, USA
DREBINGER, J. W.—8380 Dunbarton Ave., Los Angeles 45, Cal., USA
DRENICK, R.—Engineering Dept., Radio Corporation of America, Camden, New Jersey, USA
DRESCHER, H.—Bunsenstr. 10, Göttingen (British Zone), Germany
DREW, T. B.—Dept. of Chemical Engng., Columbia University, New York 27, N. Y., USA
DRUCKER, D. C.—Brown University, Providence, R. I., USA
DRYDEN, H. L.—5606 Overlea Road, Sumner, Washington 16, D. C., USA
DUBERG, J. E.—Nat. Adv. Comm. Aero, Langley Field, Virginia, USA
DU BOSE, L. A.—Civil Engng. Dept., Texas A. & M. College, College Station, Texas, USA
DUCKWORTH, W. H.—Battelle Memorial Institute, 505 King Ave., Columbus, Ohio, USA
DUFF, R. E.—Los Alamos Scientific Lab., P.O. Box 1663, Los Alamos, New Mex., USA
DUGGER, G. L.—Nat. Adv. Comm. Aero., 21000 Brookpark Road, Cleveland 11, Ohio, USA
DUKE, J. B.—52 Sycamore Avenue, Berkeley Heights, New Jersey, USA
DUNKLE, R. V.—University of California, Berkeley, Cal., USA
DUNN, D. W.—Dept. of Aero., Johns Hopkins University, Baltimore 18, Maryland, USA
DUNNE, P. C.—24, Pierrefondes Avenue, Farnborough, Hants, England
DURELLI, A. J.—Armour Research Foundation, 10 W. 35th Street, Chicago 16, Ill., USA
DUSHKES, S. Z.—Shell Development Company, Mechanical and Electrical Engineering, 5301 Horton Street, Emeryville, Cal., USA
DUSINBERRE, G. M.—Dept. of Mech. Engng., The Pennsylvania State University, University Park, Pa., USA
DUTTON, V. L.—1196 St. Matthew's Ave., Winnipeg 10, Manitoba, Canada
DYBCZAK, Z. W.—62 Dorval Road, Toronto 9, Canada
DZIEWONSKI, J. J.—Hindustan Aircraft Ltd., Hindustan Aircraft Post, Bangalore District, India
DZUNG, L. S.—Brown, Boveri & Co., Baden, Switzerland

E

ECKERT, E. R. G.—Mech. Engng. Dept., Institute of Technology, University of Minnesota, Minneapolis, Minn., USA
ECKLES, C. C.—Research Engng. Section, Harrison Radiator Div., General Motors Corp., Bldg. #4-Plant #1, Lockport, N. Y., USA
EDLING, S.—Hontverkarbacken 9, Sandviken, Sweden
EGGERS, A. J., JR.—946 Springer Road, Los Altos, Cal., USA
EICHENBERGER, H. P.—5202 N. 33rd St., Phoenix, Ariz., USA
EINSTEIN, H. A.—University of California, Berkeley, Cal., USA
EISELE, F.—Versuchsfeld für Werkzeugmaschinen und Betriebswissenschaften, Technische Hochscule München, München, Germany
EISENBERG, P.—Dept. of the Navy, Office of the Naval Research, Washington 25, D. C., USA
EISENSCHITZ, R.—Queen Mary College, University of London, Mile End Rd. E-1, London, England
ELLIOTT, W. P.—Dept. of Oceanography, Texas A. & M. College, College Station, Texas, USA
ELLIS, F.—Mech. Engng. Dept., Imperial College of Science and Technology, London, S.W. 7, England
ELROD, H. G., JR.—1078 Roseland Road, Alliance, Ohio, USA
EMMONS, H. W.—Dept. of Engng. Sciences and Appl. Phys., Harvard University, Cambridge, Mass., USA
ENGELMANN, F.—Mathematisches Institut der Technischen Hochschule, Arcisstr. 21, München 2 NW, Germany
ENGLISH, J. M.—University of California, Los Angeles 24, Cal., USA
EPSTEIN, B.—Dept. of Math., Wayne University, Detroit 1, Mich., USA
ERDMANN, S. F.—National Luchtvaartlaboratorium, Sloterweg 14, Amsterdam, Holland
ERDOSS, B. K.—301 Navy Bldg., Stevens Institute of Technology, Hoboken, New Jersey, USA
ERICKSEN, J. L.—Naval Research Laboratory, Code 6236, Washington 25, D. C., USA
ESCANDE, L.—École National Supérieure d'Electro-technique et d'Hydraulique, 4 Boulevard Riquet, Toulouse, France
ESKINAZI, S.—Dept. of Mech. Engng., The Johns Hopkins University, Baltimore 18, Maryland, USA
ESMEIJER, W. L.—Jan Jaringstraat 27, Harlem, Holland
ETTLINGER, H. J.—Dept. of Pure Mathematics, University of Texas, Austin 12, Texas, USA
EUJEN, E.—Physikalisch-Technische Bundesanstalt, Braunschweig (British Zone), Germany
EUSTIS, R. H.—109 Walter Hays Dr., Palo Alto, Cal., USA
EVANGELISTI, G.—Viale Carducci 9, Bologna, Italy
EVAN-IWANOWSKI, R. M.—819 Lancaster Ave., Syracuse, N. Y., USA
EVANS, J. M.—Aeronautical Research Labs., Dept. of Supply, Box 4331, G.P.O., Melbourne, Australia
EVANS, M. W.—Stanford Research Institute, Stanford, Cal., USA

F

FADUM, R. E.—N. C. State College, Raleigh, N. C., USA
FARIS, S. R.—Reservoir Mechanics Group, Magnolia Petroleum Co., P.O. Box 900, Dallas 1, Texas, USA
FARMER, H. G., JR.—Woods Hole Oceanographic Institute, Woods Hole, Mass., USA
FARO, I. D. V.—Applied Physics Lab., The Johns Hopkins University, 8621 Georgia Avenue, Silver Spring, Maryland, USA
FAUGHT, H.—Gas Turbine Div., Westinghouse Electric Corp., Bannister Road & Troost, Kansas City, Mo., USA
FAVRE, H.—Swiss Federal Institute of Technology, Zürich, Switzerland
FAXEN, H. O.—Royal Institute of Technology, Stockholm 70, Sweden
FAY, J. A.—Rm 3-282, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
FEHLING, H. R.—7, Albion Gate, Hyde Park Terrace, London W. 2, England
FEHR, R. O.—Gen. Engng. Lab., General Electric Co., One River Road, Schenectady 5, N. Y., USA

FEJER, A.—3328 Cheltenham Road, Toledo, Ohio, USA
FELBECK, D. K.—Room 3-356, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
FENN, J. B.—Forrestal Research Center, Princeton, New Jersey, USA
FERGUSON, P. M.—171 Engineering Building, University Station, Austin 12, Texas, USA
FERRARI, C.—Laboratorio di Aeronautica, Politecnico di Torino, Torino, Italy
FERRI, A.—Polytechnic Institute of Brooklyn, 527 Atlantic Avenue, Freeport, N. Y., USA
FERRY, J. D.—Dept. of Chem., University of Wisconsin, Madison 6, Wis., USA
FINDLEY, L. D.—Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
FINDLEY, W. N.—302a Talbot Lab., University of Illinois, Urbana, Ill., USA
FINK, K.—Huttenwerke Phoenix, A. G., Versuchsanstalt, Duisburg-Ruhrort, Germany
FINLAY, A. H.—Dept. of Civil Engng., University of British Columbia, Vancouver, B. C., Canada
FINNIE, L.—Shell Development Co., Emeryville, Cal., USA
FINSTON, M.—Room 80-106, Masschusetts Institute of Technology, Cambridge 39, Mass., USA
FISCHBACH, J. W.—Christian Road, Middlebury, Conn., USA
FISCHER, E. G.—Westinghouse Research Labs., East Pittsburgh, Pa., USA
FISHER, G. P.—School of Civil Engng., Cornell University, Ithaca, N. Y., USA
FISHER, J. C.—General Electric Co., Schenectady, New York, USA
FITZGERALD, E. R.—Dept. of Physics, The Pennsylvania State University, University Park, Pa., USA
FLAX, A. H.—Cornell Aeronautical Lab., Inc., 4455 Genessee St., Buffalo 21, N. Y., USA
FLEAGLE, R. G.—Dept. Meteorology and Climatology, University of Washington, Seattle 5, Wash., USA
FLEISCHER, A.—Department of Meteorology, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
FLIESS, E. D.—Larrea 1031, Buenos Aires, Argentina
FLINNER, A. O.—Dept. of Mech. Engng., Kansas State College, Manhattan, Kansas, USA
FLODIN, K.—Div. of Aero., Royal Institute of Technology, Stockholm 70, Sweden
FLÜGGE, W.—2380 Ramona St., Palo Alto, Cal., USA
FLÜGGE-LOTZ, I.—2380 Ramona Street, Palo Alto, Cal., USA
FOA, J. V.—Rensselaer Polytechnic Institute, Troy, N. Y., USA
FOLSOM, R. G.—2038 E. Engineering Building, University of Michigan, Ann Arbor, Mich., USA
FÖPPL, L.—Technische Hochschule, München, Germany
FORSCHER, F.—5215 Wolfe Drive, Pittsburgh 36, Pa., USA
FORSTER, H. K.—Dept. of Engng., University of California, 405 Hilgard Ave., Los Angeles 24, Cal., USA
FOSTER, A. G.—Furniture Development Council, Research and Technical Information Service, 2–4 Dalmeny Ave., London N. 7, England
FOSTER, E. L.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
FOX, L.—Math. Div., Natl. Physical Laboratory, Teddington, Middlesex, England
FRANKE, P.—Lehrstuhl für Wasserbau, Technische Hochschule, München, Germany
FRANKL, E. K.—University Engineering Laboratory, Cambridge, England
FRANZE, C.—Inst. für physikalische Chemie, Buergerstrasse 50, Göttingen, Germany
FREBERG, C. R.—Borg-Warner Central Research Lab., 706 South 25th Ave., Bellwood, Ill., USA
FREEMAN, J. C.—Gulf Consultants, P.O. Box 12014, Houston 17, Texas, USA
FREIBERGER, W.—Aeronautical Research Labs., Box 4331, G.P.O., Melbourne, C.1, Australia
FRENKIEL, F. N.—Applied Physics Lab., The Johns Hopkins University, Silver Spring, Maryland, USA
FREUDENTHAL, A. M.—1044 Madison Ave., New York, N. Y., USA
FRIEDMAN, M. D.—72 California St., Newtonville 60, Mass., USA
FRIEDMAN, R.—Atlantic Research Corporation, Alexandria, Virginia, USA
FRISCH, J.—Div. of Engng. Design, Room 124, Bldg. T-8, University of California, Berkeley 4, Cal., USA
FROST, E. E.—Esso Laboratories, Process Division, Standard Oil Development Company, Box 121, Linden, New Jersey, USA
FULTON, J.—Dept. of Technical Math., Mathematical Institute, 16 Chambers St., Edinburgh, Scotland
FUNG, Y. C.—1201 E. California Street, Pasadena, Cal., USA
FUSFELD, H. I.—Mechanics Research Dept., American Machine & Foundry Co., 188 West Randolph St., Chicago 1, Ill., USA
FUSNER, G. R.—Gas Turbine Dept., General Electric Co., One River Road, Schenectady 5, N. Y., USA

G

GABRYS, J. B.—Dept. of Civil Engng., University of Dayton, Dayton, Ohio, USA
GADD, C. W.—Orchard Lake, Mich., USA
GAROFALO, F.—Research Lab., U. S. Steel Corp., Kearny, New Jersey, USA
GARRICK, I. E.—Dynamic Loads Div., NACA, Langley Field, Virginia, USA
GASKELL, R. E.—1633 Evergreen Pt. Road, Bellevue, Wash., USA
GAT, J. D.—138 Hawthorne St., Pittsburgh 18, Pa., USA
GATEWOOD, B. E.—919 Hampshire Road, Dayton, Ohio, USA
GAYDON, A. G.—Chemical Engng. Dept., Imperial College, London, S.W. 7, England
GAZLEY, C., JR.—615 Hightree Road, Santa Monica, Cal., USA
GELBART, A.—Mathematics Dept., Syracuse University, Syracuse, N. Y., USA
GENTILONI-SILVERJ, D.—Via XX Settembre 118, Roma, Italy
GEORGI, S.—℅ Dr. Paolo Santini, Via Palestro 87, Roma, Italy
GERARD, G.—Guggenheim School of Aero., New York University, University Heights 53, New York, N. Y., USA
GERHARDT, J. R.—Box 8026, University Station, Austin, Texas, USA
GERSTEIN, M.—14170 Superior Road, Cleveland Heights 18, Ohio, USA
GESSNER, A. W.—℅ Marl-Hüls Chemical Works, Marl-Hüls, Germany
GESSOW, A.—Flight Res. Div., Langley Aeronautical Lab., Langley Field, Virginia, USA
GEYER, J. C.—The Johns Hopkins University, Baltimore 18, Maryland, USA
GEYLING, F. T.—Bell Telephone Laboratories, 1D 422, Murray Hill, New Jersey, USA
GHASWALA, S. K.—"Edena," Queen's Road, Fort-Bombay, India
GHETTI, A.—Istituto di Idraulica, Via Loredan 16, Padova, Italy
GIBSON, R. E.—Bldg. Research Station, Garston, Watford, Herts, England
GIESE, J. H.—R.D. 1, Box 75, Havre de Grace, Maryland, USA
GIFFEN, E.—Dept. of Civil and Mech. Engng., Queen Mary College, University of London, London E. 1, England
GILBERT, M.—Jet Propulsion Lab., California Institute of Technology, Pasadena 3, Cal., USA
GILVARRY, J. J.—The Rand Corp., Santa Monica, Cal., USA
GIOVANNOZZI, R.—Politecnico di Torino, Castello del Valentino, Torino, Italy
GIVEN, F. I.—Stanford Research Institute, Stanford, Cal., USA
GLASS, I. I.—Inst. of Aerophysics, University of Toronto, Toronto, Canada
GLASSMAN, I.—Dept. of Aero. Engng., Princeton University, Princeton, New Jersey, USA
GOGLIA, M. J.—School of Mech. Engng., Georgia Institute of Technology, Atlanta, Ga., USA
GOLAND, L.—James Forrestal Research Center, Princeton, New Jersey, USA
GOLDBERG, J. E.—School of Civil Engng., Purdue University, Lafayette, Ind., USA
GOLDBERG, M.—Bureau of Ordnance, Re4-Navy Dept., Washington 25, D. C., USA
GOLDSWORTHY, F. A.—3 Thorn St., Bacup, Lancashire, England
GOLDTHWAITE, W. H.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
GOODIER, J. N.—Div. of Engng. Mech., Stanford University, Stanford, Cal., USA
GOODMAN, A. W.—Dept. of Math., University of Kentucky, Lexington, Ky., USA
GOODMAN, L. E.—205 Experimental Engng. Bldg., University of Minnesota, Minneapolis 14, Minn., USA
GOODMAN, S.—Natl. Bureau of Standards, Washington, D. C., USA
GOODMAN, T. P.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
GOODMAN, T. R.—Cornell Aeronautical Lab., Inc., 4455 Genessee St., Buffalo, N. Y., USA
GOODWIN, G.—Ames Aeronautical Lab., Moffett Field, Cal., USA

GÖRTLER, H.—Stadstr. 57, Freiburg i. Br. (French Zone), Baden (17b), Germany
GOTLIEB, C. C.—Dept. of Physics, University of Toronto, Toronto, Canada
GOULD, L. A.—Rm. 10-114, Dept. of Elect. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
GRAETZER, G. R.—2 Lonsdale Ave., Dayton 9, Ohio, USA
GRAFFI, D.—Bologna Università, Isituto Matematico Università, Bologna, Italy
GRANT, R. B.—Phillips Petroleum Company, Bartlesville, Okla., USA
GRATCH, S.—Rohm and Haas Co., 5000 Richmond St., Philadelphia 37, Pa., USA
GREEN, A. E.—Dept. of Math., Stephenson Bldg., King's College, Newcastle upon Tyne 2, England
GREEN, L., JR.—Aerojet Engng. Corp., Box 296, Azusa, Cal., USA
GREEN, R. B.—Baker and Co., Inc., 113 Astor St., Newark 5, New Jersey, USA
GREEN, W.—1429 East 135 St., E. Cleveland 12, Ohio, USA
GREENSPAN, M.—Natl. Bureau of Standards, Washington 25, D. C., USA
GREIDANUS, J. H.—Dept. of Aerodynamics and Flutter, Royal Dutch Aircraft Works "Fokker," Schipol (Z), Holland
GRETTER, R. W.—Room 3-354, Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
GRIFFIN, K. H.—College of Aeronautics, Cranfield, Bletchley, Bucks, England
GRIFFIN, W. R.—5305 Emerson, Dallas, Tex., USA
GRIFFITH, W.—Palmer Physical Lab., Princeton University, Princeton, New Jersey, USA
GRODZINSKI, P.—The Joint London Secretaries, St. Andrews House, 32–34, Holborn Viaduct, London E.C. 1, England
GROSH, R. J.—School of Mech. Engng., Purdue University, West Lafayette, Ind., USA
GROSS, B.—Inst. Nacional de Tecnologia, Avenida Venezuela 82, Rio de Janeiro, Brazil
GROSS, R. A.—137 Old Oak Lane, Levittown, N. Y., USA
GROSSMAN, F. D.—Office of the Chief of Ordnance, Small Arms Branch, Dept. of the Army, Washington 25, D. C., USA
GROSSMAN, L. M.—University of California, Berkeley 4, Cal., USA
GROSSMAN, N.—Republic Aviation Corp., Farmingdale, L.I., N. Y., USA
GROVER, H. J.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
GROVER, J. H.—Atlantic Research Corp., Alexandria, Virginia, USA
GRUNBERG, L.—Mech. Engng. Res. Lab., Lubrication Div., Thorntonhall, Glasgow, Scotland
GUDERLEY, G.—117 Countryside Dr., Dayton 3, Ohio, USA
GULIAN, E.—USN. GMTU #22A, % Bendix Aviation Corp., 400 S. Biger St., Mishawaka, Ind., USA
GULLSTRAND, T.—SAAB Aircraft Co., Linköping, Sweden
GUMPERTZ, W. H.—47 Orchard Ave., West Newton, Mass., USA
GUMZ, W.—Essen-Bredeney am Brandenbusch 24, Germany
GUNDER, D. F.—Mech., Dept., Cornell University, Ithaca, N. Y., USA
GUTENBERG, B.—Seismological Lab., 220 North San Rafael Ave., Pasadena, Cal., USA
GUTHRIE, A. M.—Cambridge Univ. Engng. Laboratories, Trumpington St., Cambridge, England
GUZMÁN, A. M.—Calle 7 N° 1.505, La Plata (B.A.), Argentina

H

HAAS, V. B., JR.—Room 10–119, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
HABERMAN, W. L.—David W. Taylor Model Basin, Code 552, Washington 7, D. C., USA
HADEKEL, R.—36 Evelyn Gardens, London S.W. 7, England
HAGG, A. C.—Westinghouse Research Labs., East Pittsburgh, Pa., USA
HAKKINEN, R. J.—Rm. 41–208, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
HALL, A. S.—School of Mech. Engng., Purdue University, Lafayette, Ind., USA
HALL, N. A.—Grad. Div., College of Engng., New York University, New York 53, N. Y., USA
HAMILTON, D. C.—Bldg. 9204-1 Oak Ridge Natl. Lab., P.O. Box P, Oak Ridge, Tenn., USA
HAMILTON, O. W.—The United States Time Corp., Waterbury 20, Conn., USA
HAMMOND, W. E.—The Air Preheater Corp., Wellsville, N. Y., USA
HAMPL, M.—Appl. Math. Dept., Engng. Research Institute, Spalena 17, Prague II, Czechoslovakia
HANSEN, R. J.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
HANSON, R. R.—Polhemsgaten 15B, Sandviken, Sweden
HARDENBERGH, D. E.—Dept. of Engng. Mech., The Pennsylvania State University, University Park, Pa., USA
HARDER, K. C.—16 Mac Alva Dr., Hampton, Virginia, USA
HARDESTY, P. R.—4416 Marble Hall Rd., Baltimore 18, Maryland, USA
HARINGX, J. A.—Philips Research Laboratories, Eindhoven, Holland
HARKNESS, J. L.—Defense Research Lab., The University of Texas, P.O. Box 8029, Austin 12, Texas, USA
HAUSRATH, A. H.—P. O. Box 30, The Pennsylvania State University, University Park, Pa., USA
HAWKINS, G. A.—Office of Dean of Engng., Purdue University, Lafayette, Ind., USA
HAWRYLYSHYN, B.—329 Gilbert Arvida, Quebec, Canada
HAWTHORNE, W. R.—Mech. Engng. Dept., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
HAY, G. E.—274 West Engng. Bldg., University of Michigan, Ann Arbor, Mich., USA
HAYTHORNTHWAITE, R. M.—Div. of Engng., Brown University, Providence, R. I., USA
HAZARD, H. R.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
HEASLET, M. A.—608 Milverton, Los Altos, Cal., USA
HEDGE, L. B.—6219 Massachusetts Ave., Washington 16, D. C., USA
HEDGEPETH, J. M.—Structures Research Div., Langley Aeronautical Lab., Langley Field, Virginia, USA
HELDENFELS, R. R.—Langley Aeronautical Lab., Langley Field, Virginia, USA
HELLER, R.—Worcester Po'ytechnic Institute, Worcester 2, Mass., USA
HEMP, W. S.—College of Aeronautics, Cranfield, Bletchley, Bucks, England
HEMPEL, M.—Max-Planck Institut für Eisenforschung, August Thyssen-Str. 1, Dusseldorf, Germany
HENDRICKSON, K. N.—Dept. of Civil Engng., University of Massachusetts, Amherst, Mass., USA
HENRIKSEN, E. K.—Dept. of Mech. Engng., University of Missouri, Columbia, Mo., USA
HERBECK, M.—Max-Planck Institut für Stromungsforschung, Bunsen Str. 10 (British Zone), Göttingen (20b), Germany
HERRMANN, G.—Dept. of Civil Engng., Columbia University, New York 27, N. Y., USA
HERTIG, R. R.—Alberti 112, San Isidro, Argentina
HERZIG, H. Z.—2356 Grandview Ave., Cleveland Heights 6, Ohio, USA
HESSE, H. C.—College of Engng., Valparaiso University, Valparaiso, Ind., USA
HETHERINGTON, R.—Armament Research Establishment, Fort Halstead, Sevenoaks, Kent, England
HEUSINGER, P. P.—Essen-Holsterhausen, Gebhardtstr. 16, Germany
HEWSON, T. A.—3 Millbrook Road, Medfield, Mass., USA
HEYMAN, J.—Engng. Dept., University of Cambridge, Cambridge, England
HEYNDRICKX, G. A. T.—State Agricultural University, Coupure, Ghent, Belgium
HIGGINS, T. J.—Elect. Engng. Dept., University of Wisconsin, Madison, Wis., USA
HIKITA, T.—Faculty of Engng., University of Tokyo, Bunkyo-ku, Tokyo, Japan
HILL, R. A. W.—Physical Chemistry Section, Imperial Chemical Industries Ltd., Nobel Div., Stevenston, Ayrshire, Scotland
HILL, R.—Dept. of Math., The University, Nottingham, England
HILLIER, K. W.—Imperial Chemical Industries, Ltd., Plastics Div., Welwyn Garden City, Hertfordshire, England
HILSENRATH, J.—U. S. Dept. of Commerce, Natl. Bureau of Standards, Washington 25, D. C., USA
HILTON, H. H.—Dept. of Aero. Engng., University of Illinois, Urbana, Ill., USA
HINSENKAMP, F.—Malinovszky Fasor 27B, Budapest 2, Hungary
HINZE, J. O.—Kon./Shell Laboratorium, 20 Broekmolenweg, Delft, Holland
HITSCHFELD, W.—Physics Dept., McGill University, Montreal, Quebec, Canada
HOARE, M. F.—45 Radley Road, Abdingdon, Berkshire, England
HODGE, P. G., JR.—Dept. of Aero. Engng. and Appl. Mech., Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, N. Y., USA

HOFF, N. J.—Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, N. Y., USA
HOFFMAN, O.—2599 Dysart Road, Cleveland 18, Ohio, USA
HOFFMANN, B.—Dept. of Math., Queens College, Flushing 67, N. Y., USA
HOGNER, E.—Kunglika Tekniska Högskölan, Stockholm 70, Sweden
HOLDER, D. W.—Natl. Physical Laboratory, Teddington, Middlesex, England
HOLDHUSEN, J. S.—FluiDyne Engng. Corp., 425 North 7th St., Minneapolis 5, Minn., USA
HOLLANDER A.—California Institute of Technology, Pasadena 4, Cal., USA
HOLLEY, M. J., JR.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
HOLM, A. R.—Danmarks tekniske Hojskole, Maskinkonstruktionsafdelingen, Oster Farimagsgade 110, Copenhagen K, Denmark
HOLMS, A. G.—9303 Newkirk Dr., Parma Heights 29, Ohio, USA
HOLT, MARSHALL—Aluminum Research Labs., P.O. Box 772, New Kensington, Pa., USA
HOLT, MAURICE—Ministry of Supply, Armanent Research Establishment, Fort Halstead, Sevenoaks, Kent, England
HOOPER, F. C.—Dept. of Mech. Engng., University of Toronto, Toronto, Ontario, Canada
HOPKINS, H. G.—Armament Research Establishment, Fort Halstead, Sevenoaks, Kent, England
HOPPMANN, W. H.—The Johns Hopkins University, 34th and Charles Sts., Baltimore 18, Maryland, USA
HORÁK, Z.—Technical University, Karlovo nam. 13, Prague II, Czechoslovakia
HORVAY, G.—Metallurgy and Ceramics Bldg., General Electric Res. Lab., Schenectady, N. Y., USA
HOUSEHOLDER, A. S.—Oak Ridge Natl. Lab., P.O. Box P, Oak Ridge, Tenn., USA
HOUSNER, G. W.—Analysis Laboratory, California Institute of Technology, Pasadena 4, Cal., USA
HOWLAND, A. H.—30 Harvel Cres., Abbeywood, London S.E. 2, England
HRENNIKOFF, A.—Dept. of Civil Engng., University of British Columbia, Vancouver, B. C., Canada
HU, L. W.—Dept. of Engng. Mech., The Pennsylvania State University, University Park, Pa., USA
HUBBARD, H. H.—Langley Aeronautical Lab., Langley Field, Virginia, USA
HUBBARD, P. G.—Iowa Inst. of Hydraulic Research, State University of Iowa, Iowa City, Iowa, USA
HUBER, D. G.—65 Lord Seaton Crescent, Willowdale P.O., Ontario, Canada
HUDSON, D. E.—California Institute of Technology, Pasadena, Cal., USA
HUGHES, R. R.—Shell Development Co., Emeryville, Cal., USA
HUGLI, W. C., JR.—Experimental Towing Tank, Stevens Institute of Technology, Hoboken, New Jersey, USA
HULT, J.—Lastmakargatan 3 B, Uppsala, Sweden
HUNTER, T. A.—Engng. Mech. Dept., University of Michigan, Ann Arbor, Mich., USA
HURLEY, D. G.—Aeronautical Research Labs., Box 4331, G.P.O., Melbourne, Australia
HURWICZ, H.—The Trane Co., La Crosse, Wis., USA
HUSKEY, H. D.—Dept. of Math., University of California, Berkeley, Cal., USA
HUSS, G.—Artillerigatan 91, Stockholm Ö, Sweden
HUTH, J. H.—547 Erskine Dr., Pacific Palisades, Cal., USA
HVORSLEV, M. J.—Waterways Experiment Station, Vicksburg, Miss., USA

I

IBELE, W. E.—Dept. of Mech. Engng., University of Minnesota, Minneapolis 14, Minn., USA
IMAI, I.—Physical Institute, Faculty of Science, University of Tokyo, Tokyo, Japan
IMPERIAL CHEMICAL INDUSTRIES, LTD., Metals Div., Research Dept., Kynoch Works, Witton, Birmingham 6, England
INGARD, U.—Acoustics Lab., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
INGERSOLL, A. C.—California Institute of Technology, Pasadena 8, Cal., USA
IRWIN, G.—Naval Research Laboratory, Washington 25, D. C., USA
ISAKSON, G.—164 Hillcrest Ave., Apt. A, West Hartford, Conn., USA
ISAKSSON, A.—Institutionen för hallfasthetslara, Kungliga Tekniska Högskölan, Stockholm 70, Sweden
ISENBERG, J. S.—Bell Aircraft Corp., Aerodynamics Dept., P.O. Box I, Buffalo 5, N. Y., USA
IVERSEN, H. W.—College of Engng., University of California, Berkeley 4, Cal., USA
IVEY, H. R.—1 Oakland Dr., Warwick, Virginia, USA

J

JACKSON, J. M.—Math. Dept., Queens College, Dundee, Scotland
JACKSON, M. W.—932 Green Mountain Ave., Boulder, Colo., USA
JAEGER, C.—English Electric Co., Willans Works, Rugby, England
JAN, Y. K.—% Koninklijke/Shell Laboratorium, Broekmolenweg 20, Delft, Holland
JARDETZKY, W. S.—423 W. 118th St., Apt. 52, New York 27, N. Y., USA
JASPER, N. H.—David W. Taylor Model Basin, Washington 7, D. C., USA
JEFFREY, J. O.—Cornell University, Ithaca, N. Y., USA
JEHN, K. H.—E. D. Hall 101, University of Texas, Austin 12, Texas, USA
JENSEN, W. P.—Fuels Research Lab., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
JINNO, H.—Dept. of Industrial Chemistry, Kyoto University, Kyoto, Japan
JOHANNESEN, N. H.—Fluid Motion Laboratory, The University, Manchester 13, England
JOHNSON, D. C.—Engng. Laboratory, University of Cambridge, Trumpington St., Cambridge, England
JOHNSON, V. R.—Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
JOHNSTON, B. G.—301 West Engng. Bldg., University of Michigan, Ann Arbor, Mich., USA
JONES, A. L.—FluiDyne Engng. Corp., 425 North 7th St., Minneapolis 5, Minn., USA
JONES, E. E.—Dept. of Math., The University, Nottingham, England
JONES, P. G.—Dept. of Theor. and Appl. Mech., College of Engng., University of Illinois, Urbana, Ill., USA
JONES, S. P., JR.—Dept. of Chemistry, Armour Research Foundation, Illinois Institute of Technology, Chicago 16, Ill., USA
JONES, W. P.—Natl. Physical Laboratory, Teddington, Middlesex, England
JORDAN, W. D.—University of Alabama, P.O. Box 1691, University, Ala., USA
JORISSEN, A. L.—Dept. of Hydraulics and Hydraulic Engng., Cornell University, Ithaca, N. Y., USA
JOST, W.—Institut für Physikalische Chemie der Universitaet Göttingen, Buergerstrasse 50, Göttingen, Germany
JULIS, K.—Ceskomalinska 47, Prague 6, Czechoslovakia
JUNG, I.—Aktiebolaget de Lavals Angturbin, Saltsjo-Jarla, Stockholm, Sweden
JUNGER, M. C.—Cambridge Acoustical Associates, 102 Mt. Auburn St., Cambridge 38, Mass., USA

K

KAHANE, A.—Aerodynamics Dept., Development Div., Republic Aviation Corp., Farmingdale, N. Y., USA
KALMAN, R. E.—Engng. Research Lab., Experiment Station, E. I. du Pont de Nemours & Co., Wilmington, Del., USA
KAMPÉ DE FÉRIET, J.—Universitó de Lille, La Faculté des Sciences, 16 Rue des Jardins, Lille, France
KANTROWITZ, A.—Grad. School of Aero. Engng., Cornell University, Ithaca, N. Y., USA
KARNI, Z.—% M. Reiner, Hebrew Technical College, Haifa, Israel
KASAHARA, K.—Earthquake Research Inst., Tokyo University, Tokyo, Japan
KASRIEL, R. H.—1632 Oak Ave., Newport News, Virginia, USA
KATAOKA, M.—210, Yamato-cho, Nakano-Ku, Tokyo, Japan
KAUDERER, H.—Lehrstuhl für Techn., Mechanik und Warmelehre, Keplerstr. 10, Stuttgart-N, Germany
KAYE, J.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
KAYS, W. M.—Stanford University, Stanford, Cal., USA
KECECIOGLU, D.—4408 W. Midland Dr., Milwaukee 15, Wis., USA
KEENAN, J. H.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
KEMP, R. H.—999 Richmar Dr., Westlake, Ohio, USA
KENNAWAY, A.—17 Powis Gardens, London N.W. 11, England
KESTIN, J.—Dept. of Engng., Brown University, Providence 12, R. I., USA

KETCHUM, G. M.—Dept. of Mech. Engng., Union College, Schenectady, N. Y., USA
KETTLEBOROUGH, C. F.—School of Engng., The University of Melbourne, Carlton, N. 3, Victoria, Australia
KEULEGAN, G. H.—Natl. Bureau of Standards, Washington 25, D. C., USA
KEUNE, F.—Grobkoelnstr. 32–34, Aachen, Germany
KEYES, F. G.—Dept. of Chemistry, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
KEZDI, A.—Logodi -u.9, Budapest I, Hungary
KILHAM, J. K.—Fuel Dept., The University, Leeds 2, England
KINDEM, S. E.—Oslo Tekniske Skole, Oslo, Norway
KING, G. W.—2000 Stoner Ave., Los Angeles 25, Cal., USA
KIRKBY, S.—College of Aeronautics, Cranfield, Bletchley, Bucks, England
KIRSCHMER, O.—Technische Hochschule, Darmstadt, Germany
KLINE, S. J.—Room 503, Stanford University, Stanford, Cal., USA
KLITCHIEFF, J. M.—Technical University, Belgrad, Yugoslavia
KLOTTER, K.—Div. of Engng. Mech., Stanford University, Stanford, Cal., USA
KLUNKER, E. B.—22-A Elizabeth Road, Hampton, Virginia, USA
KNIGHT, R. C.—D.G.W.R.D., Ministry of Supply, Castlewood House, New Oxford St., London, W.C. 1, England
KNUTH, E. L.—1443 Fernwood Pacific Dr., Topanga, Cal., USA
KOCHANOWSKY, W.—Bunsenstr. 10, Göttingen (British Zone) Germany
KOCHENBURGAR, R.—University of Connecticut, Storrs, Conn., USA
KOCHENDÖRFER, A.—August Thyssenstr. 1 (22a), Düsseldorf, Germany
KOENIG, L. R.—818 Olive St., St. Louis, Mo., USA
KOENIGSBERG, E.—70 Hamilton Terrace, London, N.W. 8, England
KOFFMAN, J. L.—Meadowside, Mayfield Gardens, Chertsey Lane, Staines, Middlesex, England
KOITER, W. T.—Rotterdamseweg 131, Delft, Holland
KOLSKY, H.—Butterwick Research Lab., The Frythe, Welwyn, Herts, England
KOLUPAILA, S.—University of Notre Dame, South Bend, Ind., USA
KOPŘIVA, V.—S. K. Neumanna 445, Ml. Boleslav, Czechoslovakia
KORANYI, I.—Budapesti Muszaki Egyetem, 1, sz. Hidepitestani Tanaszake, Budafoki-ut 6, sz. M.f. 26, Budapest, XI, Hungary
KORST, H. H.—166 MEB, University of Illinois, Urbana, Ill., USA
KOVASZNAY, L. S. G.—Dept. of Aero., The Johns Hopkins University, Baltimore 18, Maryland, USA
KOZIARSKI, J.—228 W. Winona Ave., Norwood, Pa., USA
KRAFFT, J. M.—Naval Research Laboratory, Code 3817, Washington 25, D. C., USA
KRAHULA, J. L.—Mech. Dept., Rensselaer Polytechnic Inst., Troy, N. Y., USA
KREIGER, I. M.—Dept. of Chem. and Chem. Engng., Case Institute of Technology, University Circle, Cleveland 6, Ohio, USA
KRIEZIS, P.—4 Tsortz St., Canning Square, Athens, Greece
KRISCH, A.—Max-Planck Institut für Eisenforschung, August Thyssenstr. 1, Düsseldorf, Germany
KRISTENSEN, H. T.—c/o Vattenbyggnadsbyran, Humlegardsgatan 29, Stockholm, Sweden
KRIVOSHEIN, N.—Calle 15, entre 1 y Sarmiento, City Bell, Buenos Aires, FCNGR, Argentina
KRON, G.—General Electric Co., One River Road, Schenectady 5, N. Y., USA
KRONAUER, R. E.—Gordon MacKay Lab., Harvard University, Cambridge, Mass., USA
KROON, R. P.—Aviation Gas Turbine Div., Westinghouse Electric Corp., Bannister Road and Troost, Kansas City, Mo., USA
KRSMANOVIC, D.—Sarajevo University, 11 Vase Miskina str., Sarajevo, Yugoslavia
KRÜGER, H.—Landstrasse 41, Göttingen, Herzberger, Germany
KRUPKA, F.—Zitna ulice 38, Prague II, Czechoslovakia
KRZYWOBLOCKI, M. Z.—708 West Church St., Champaign, Ill., USA
KUERTI, G.—Dept. of Mech. Engng., Case Institute of Technology, University Circle, Cleveland, 6, Ohio, USA
KUETHE, A. M.—490 Barton North Dr., Ann Arbor, Mich., USA
KUHELJ, A.—Technical University, Cojzova 5, Ljubljana, Yugoslavia
KUIPERS, M.—Kastanjelaan 14, Leiderdorp, Holland
KULIN, G.—Hydraulics Lab., Natl. Bureau of Standards, Washington 25, D. C., USA
KUMAGAI, S.—Faculty of Engng., University of Tokyo, Bunkyo-ku, Tokyo, Japan
KUNUGI, M.—Dept. of Industrial Chemistry, Kyoto University, Kyoto, Japan
KUO, H. L.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
KUO, Y. H.—Grad. School of Aero. Engng., Cornell University, Ithaca, N. Y., USA
KURTOVICH, D.—Heat Power Research Dept., Armour Research Foundation, 10 West 35th St., Chicago 16, Ill., USA

L

LAFFITTE, P.—Laboratoire de Chimie Generale, 1 Rue Victor-Cousin, Paris 5, France
LAITONE, E. V.—209 M., University of Calif., Berkeley 4, Cal., USA
LAKE, H.—Air Force Cambridge Research Center, Bedford, Mass., USA
LAMPERT, S.—1170 Daveric Dr., Pasadena, Cal., USA
LANDAHL, M.—Room 33-408, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
LANDIS, F.—Dept. of Mech. Engng., College of Engng., New York University, University Heights, New York 53, N. Y., USA
LANDONI, J. A.—Ezpeleta 90. Acussuso FNGBM, Prov. de Buenos Aires, Argentina
LANDWEBER, L.—1104 Marcy St., Iowa City, Iowa, USA
LANG, P. M.—2735 A Derby St., Berkeley 5, Cal., USA
LANG, R.—Chemical Engng. Dept., The University, Edgbaston, Birmingham 15, England
LANGFORD, A. F. W—c/o Dept. of Supply, H.S.A.L., Box 1424H, G.P.O., Adelaide, South Australia
LANGHAAR, H. L.—Dept. of Theor. and Appl. Mech., College of Engng., University of Illinois, Urbana, Ill., USA
LAPIDUS, L.—Dept. of Chemical Engng., Princeton University, Princeton, New Jersey, USA
LAPIN, E.—Douglas Aircraft Co., Inc., Santa Monica, Cal., USA
LAUSHEY, L. M.—Norwich University, Northfield, Vt., USA
LAZAN, B. J.—Engng. Exp. Sta., University of Minnesota, Minneapolis 14, Minn., USA
LEAN, G. H.—Natl. Physical Laboratory, Teddington, Middlesex, England
LEASON, D. B.—Thermodynamics Section, Helicopter Div., Fairey Aviation Company, Middlesex, England
LECORBEILLER, P.—Lyman Laboratory, Harvard University, Cambridge 38, Mass., USA
LEE, E. H.—Div. of Appl. Math., Brown University, Providence 12, R. I., USA
LEFSCHETZ, S.—Instituto de Matematicas, Torre de Ciencias, Piso 6, Ciudad Universitaria, Mexico 20, D. F., Mexico
LEGGETT, D. M. A.—King's College, Strand, London, W.C. 2, England
LEIMANIS, E.—Dept. of Math., University of British Columbia. Vancouver, B. C., Canada
LEITNER, A.—Dept. of Physics and Astronomy, Michigan State College, East Lansing, Mich., USA
LEMCOE, M. M.—Southwest Research Institute, 8500 Culebra Road, San Antonio 6, Texas, USA
LEMKE, C. E.—44 Division St., Schenectady, N. Y., USA
LENKEI, A.—Malinovsky Fasor 27, Budapest 2, Hungary
LENNGREN, C. E.—Dobervagen 13A, Bofors, Sweden
LENSE, J.—Technische Hochschule München, München, Germany
LEONARDS, G. A.—School of Civil Engng., Purdue University, Lafayette, Ind., USA
LEPPER, H. A., JR.—Civil Engng. Dept., Yale University, New Haven, Conn., USA
LERBS, H. W.—Hamburgische Schiffbau Versuchsanstalt, Bramfelderstr. 164, Hamburg, Germany
LESER, T.—Dept. of Math., University of Kentucky, Lexington, Ky., USA
LESSELLS, J. M.—Journal of Applied Mechanics, c/o Lessells and Associates, 916 Commonwealth Ave., Boston 15, Mass., USA
LETNER, H. R.—Mellon Institute of Industrial Research, Pittsburgh, Pa., USA
LEVEN, M. M.—Westinghouse Research Labs., East Pittsburgh, Pa., USA
LEVEY, H. C.—Aeronautical Research Lab., Box 4331, G.P.O., Melbourne, Australia
LEVY, A.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
LEVY, J.—Hydrodynamics Lab., California Institute of Technology, Pasadena 4, Cal., USA
LEVY, S.—Natl. Bureau of Standards, Washington, D. C., USA
LEW, H. G.—Aero. Engng. Dept., The Pennsylvania State University, University Park, Pa., USA
LEWIS, J. A.—2D-552 Bell Telephone Laboratories, Inc., Murray Hill, New Jersey, USA
LIBBY, P. A.—Aerodynamics Laboratory, Brooklyn Polytechnic Institute, 527 Atlantic Ave., Freeport, N. Y., USA

LIEPMAN, H. P.—1222 Morningside Dr., Ann Arbor, Mich., USA
LILLEY, G. M.—College of Aeronautics, Cranfield, Bletchley, Bucks, England
LIN, C. C.—Room 2-175, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
LIN, H.—Room 33-316, Dept. of Aero. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
LIN, T. C.—Grad. Div. of Appl. Math., Brown University, Providence, R. I., USA
LIN, T. H.—1414 Lincoln Blvd., Santa Monica, Cal., USA
LINSTONE, H. A.—730 Lachman Lane, Pacific Palisades, Cal., USA
LIVENGOOD, J. C.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
LOEB, J. M.—Schlumberger Instrument Co., P.O. Box U., Ridgefield, Conn., USA
LOEWEN, E. G.—The Taft-Pierce Manufacturing Co., Woonsocket, Rhode Island, USA
LOMAX, H.—770 Seale St , Palo Alto, Cal., USA
LONG, H. F.—Rivadavia 2045, San Isidro, Buenos Aires, Argentina
LONGACRE, C. K.—Southwest Research Institute, 8500 Culebra Rd., San Antonio 6, Texas, USA
LOO, T.-T.—Dept. of Mech., Rensselaer Polytechnic Institute, Troy, N. Y., USA
LOOS, H. G.—California Institute of Technology, Pasadena, Cal., USA
LORELL, J.—Jet Propulsion Lab., California Institute of Technology, Pasadena 3, Cal., USA
LOW, G. M.—16442 Barriemore Ave., Cleveland 30, Ohio, USA
LUBAHN, J. D.—Res. Lab., General Electric Co., Schenectady, N. Y., USA
LUBKIN, J. L.—Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
LÜCKE, K.—Grad. Div. of Appl. Math., Brown Universtiy, Providence 12, R. I., USA
LUKASIEWICZ, J.—High Speed Aerodynamics Lab., Natl. Aeronautical Establishment, Montreal Road, Ottawa, Ontario, Canada
LUKE, Y. L.—Midwest Research Institute 425 Volker Blvd., Kansas City 10, Mo., USA
LUNDE, J. K.—Skipsmodelltanken, Trondheim, Norway
LUNDGREN, H.—Technical University of Denmark, 10H Oster Voldgade, Copenhagen,Denmark
LURIE, H.—California Institute of Technology, Pasadena 4, Cal., USA
LUSKIN, H.—Douglas Aircraft Co., Inc., Santa Monica, Cal., USA
LYONS, C. J.—Battelle Memorial Institute, 505 King Ave., Columbus, Ohio, USA

M

MACAGNO, E. O.—Los Platanos 629 (V. N. Palermo), San Juan, Argentina
MCBRIDE, E. J.—2244 New Hampshire St., Lawrence, Kansas, USA
MCCALLEY, R. B., JR.—Knolls Atomic Power Laboratory, Building C-2, Schenectady, N. Y., USA
MCCLINTOCK, F. A.—1-314, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
MCCORMICK, F. J.—Dept. of Appl. Mech., Kansas State College, Manhattan, Kansas, USA
MACKEY, C. O.—Sibley School of Mech. Engng., Cornell University, Ithaca, N. Y., USA
MACKS, E. F.—Willow Lane, Vermilion Lagoons, Vermilion, Ohio, USA
MACLELLAN, G. D. S.—Pembroke College, Cambridge, England
MCNOWN, J. S.—Dept. of Engng. Mech., University of Michigan, Ann Arbor, Mich., USA
MACOVSKY, M. S.—909 Newhall St., Silver Spring, Maryland, USA
MAEDER, P. F.—Div. of Engng., Brown University, Providence 12, R. I., USA
MAIER, H. G.—Cornell Aeronautical Lab., Inc., 4455 Genessee St., Buffalo, N. Y., USA
MAIR, W. A.—Engng. Lab., Trumpington St., Cambridge, England
MAJOR, W. S.—Power Section of Machine Division, Dravo Corp., Fifth and Liberty Sts., Pittsburgh 22, Pa., USA
MAJORS, H., JR.—Bengal Engineering College, P.O. Botanic Garden, Howrah, West Bengal, India
MALE, T.—3959 Riveredge Road, Cleveland 11, Ohio, USA
MALETZ, M.—218 C South Del Mar Ave., San Gabriel, Cal., USA
MALKIN, I.—Foster Wheeler Corp., 44 Beaver St., 12th Floor, New York 4, N. Y., USA
MALKUS, W. V. R.—Woods Hole Oceanographic Institute, Woods Hole, Mass., USA
MALVERN, L.—Dept. of Appl. Mech., Michigan State College, East Lansing, Mich., USA
MANDEL, P.—BuShips, Code 420, Navy Dept., Washington 25, D. C., USA
MANILDI, J. F.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
MANJOINE, M. J.—Westinghouse Research Labs., East Pittsburgh, Pa., USA
MANTON, J.—U. S. Bureau of Mines, 4800 Forbes St., Pittsburgh 13, Pa., USA
MAR, J. W.—Dept. of Aero. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
MARCO, H. F.—Dept. of Mech., USAF Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA
MARCUS, J. S.—Dept. of Civil Engng., University of Massachusetts, Amherst, Mass., USA
MARCUS, P.—Physics Dept., Carnegie Institute of Technology, Pittsburgh 13, Pa., USA
MARGUERRE, K.—Technische Hochschule, Darmstadt, Germany
MARIN, J.—Mech. Engng. Dept., The Pennsylvania State University, University Park, Pa., USA
MARINKOVIC, J.—Hodzi Provonova 17, Belgrad, Yugoslavia
MARKSTEIN, G. H.—Cornell Aeronautical Lab., Inc., 4455 Genessee St., Buffalo 21, N. Y., USA
MARSICANO, F. R.—Riego Nunez 747 Turdera, F.C.M.G.R., Buenos Aires, Argentina
MARSLAND, A.—Soil Mechanics Div., Building Research Station, Garston, Watford, Herts, England
MARTELOTTI, M.—Cincinnati Milling Machine Co., Cincinnati, Ohio, USA
MASLEN, S. H.—1608 Onondaga Ave., Lakewood 7, Ohio, USA
MASON, D. M.—Dept. of Chem. & Chem. Engng., Stanford University, Stanford, Cal., USA
MASON, J. L.—AiResearch Mfg. Co., 9851 Sepulveda Blvd., Los Angeles 45, Cal., USA
MASON, W. P.—Bell Telephone Laboratories, Murray Hill, New, Jersey, USA
MASSONNET, CH.—Institut du Genie Civil, Universite de Liege, Belgium
MASTOVSKY, O.—Karlovo n. 13, Praha II, Czechoslovakia
MASUR, E. F.—Illinois Institute of Technology, Chicago 16, Ill., USA
MATSUSCHINO, J.—4458 South University Ave., Basement Apt., Chicago 15, Ill., USA
MATTHEW, T. U.—Round Oak Steel Works Ltd., Brierley Hill, Staffs., England
MATTHEWS, C. B.—2547 East 83rd St., Seattle 5, Wash., USA
MATUSEWICZ, N. M.—Code 4051, Michelson Lab., U. S. Naval Ordnance Test Station, Inyokern, China Lake, Cal., USA
MAUNDER, L.—3527 Far Hills Ave., Dayton, Ohio, USA
MAWARDI, O. K.—Dept. Elect. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
MAY, K. R.—Microbiological Res. Dept., Ministry of Supply, Wiltshire, England
MAYERS, M. A.—Burns & Roe, Inc., 90 West Street, New York 6, N. Y., USA
MAYHEW, Y. R.—Dept. of Mech. Engng., Univ. Engng. Labs., University Walk, Bristol 8, England
MEACHAM, R. C.—Math. Dept., University of Florida, Gainesville, Fla., USA
MEAD, B. R.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
MEHRINGER, F. J.—2196 Story Ave., Schenectady, N. Y., USA
MEIXNER, J.—Institut für theoretische, Physik der Technischen Hochschule, Aachen, Germany
MELA, R. L.—Nuclear Development Associates, Inc., 5 New St., White Plains, N. Y., USA
MENCL, V.—Jana Masova, Brno, Czechoslovakia
MERBT, H.—Inst. för Flygteknik, Tekniska Hogskolan, Stockholm 70, Sweden
MERCHANT, M. E.—Cincinnati Milling Machine Co., Cincinnati 9, Ohio, USA
MERSMAN, W. A.—Ames Aeronautical Lab., Moffett Field, Cal., USA
M'EWEN, E.—5, Lyndhurst Drive, Sevenoaks, Kent, England
MEYER, L.—5641 Ellis Ave., Chicago 37, Ill., USA
MEYER, R. E.—Dept. of Aero., University of Syndey, Sydney, N.S.W., Australia
MEYERHOF, G. G.—Dept. of Civil Engng., Nova Scotia Tech. College, Halifax, N. S., Canada.
MICHALOS, J.—Dept. of Civil Engng., New York University, University Heights, N. Y. 53, N. Y., USA

MICHELSON, I.—281 E. Clairmont St., Pasadena, Cal., USA
MICHIELSEN, H. F.—5835 St. Clair Ave., North Hollywood, Cal., USA
MIELE, A.—Aerodynamics Lab., Polytechnic Institute of Brooklyn, 527 Atlantic Ave., Freeport, N. Y., USA
MII, H.—Dept. of Mech. Engng., Gov. Ind. Res. Inst., Nagoya Hirate-machi, Kita-Ku, Nagoya City, Japan
MIKLOWITZ, J.—U. S. Naval Ordnance Test Station, 3202 E. Foothill Blvd., Pasadena 8, Cal., USA
MILES, J. W.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
MILLÁN, G.—Instituto Nacional de Technica Aeronáutica, Esteban Terradas, Madrid, Spain
MILLER, J. E.—Dept. of Meteor. and Oceanogr., New York University, N. Y. 53, N. Y., USA
MILLIKEN, W. F., JR.—293 South Union Road, Williamsville 21, N. Y., USA
MILLSAPS, K.—Aeronautical Research Lab., Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, USA
MILNE-THOMSON, L. M.—2 Bullfinch Lane, Riverhead, Sevenoaks, Kent, England
MINDAK, R. J.—1004 E. 81st St., Chicago 19, Ill., USA
MINDLIN, R. D.—Dept. of Civil Engng., Columbia University, 632 W. 125th St., New York 27, N. Y., USA
MINORSKY, N.—Domaine de L'Arc, Aix en Provence, B. du R., France
MIRELS, H.—3643 Shannon Road, Cleveland 18, Ohio, USA
MISCHKE, C. R.—Dept. of Mech. Engng., School of Engng. and Architecture, University of Kansas, Lawrence, Kansas, USA
MITCHELL, A. R.—Dept. of Math., The University, St. Andrews, Fife, Scotland
MITCHELL, R. W. S.—Diesel Engine Division, The English Electric Co., Ltd., Rugby, Warwicks, England
MITCHNER, M.—Arthur D. Little, Inc., 30 Memorial Drive, Cambridge 42, Mass., USA
MITRA, D. N.—Dept. of Math., Indian Institute of Technology, Kharagpur, India
MOGAMI, T.—Dept. of Civil Engng., First Faculty of Engng., University of Tokyo, Tokyo, Japan
MONCH, E.—Technische Hochschule, München, Germany
MONTGOMERY, D. J.—Physics Dept., Michigan State College, East Lansing, Mich., USA
MOONEY, M.—U. S. Rubber Co., Market & South St., Passaic, New Jersey, USA
MOORE, A. D.—Elect. Engng. Dept., University of Michigan, Ann Arbor, Mich., USA
MOORE, N. P. W.—Mech. Engng. Dept., Imperial College of Science and Technology, London S. W. 7, England
MOORMAN, R B. B.—Civ. Engng. Dept., Syracuse University, Syracuse 4, N. Y., USA
MORDFIN, L.—2100 Cropsey Ave., Brooklyn 14, N. Y., USA
MORDUCHOW, M.—Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, N. Y., USA
MORELLI, D.—Dept. of Mech. Engng., California Institute of Technology, Pasadena 4, Cal., USA
MORETTI, G.—Casilla Correo 151, San Carlos de Bariloche, Argentina
MORGAN, G. W.—Grad. Div. of Appl. Math., Brown University, Providence, R. I., USA
MORIGUTI, S.—First Faculty of Engng., University of Tokyo, Tokyo, Japan
MORKOVIN, M. V.—Dept. of Aero., The Johns Hopkins University, Baltimore, Maryland, USA
MORRISON, R. B.—Aircraft Propulsion Lab., University of Michigan, Willow Run Airport, Ypsilanti, Mich., USA
MOSKVITINOFF, I. J.—452 Fort Washington Ave., New York 33, N. Y. USA
MUDRAK, W.—Technische Hochschule Graz, Graz, Rechbauerstrasse 12, Austria
MUELLER, A. C.—Engng. Service Div., E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del., USA
MUELLER, F. M.—6529 Bellaire Avenue, North Hollywood, Cal., USA
MULLER, W. H.—Nieuwendijk 33, Amsterdam C., Holland
MULLINS, B. P.—31, Twelve Acre Crescent, Minley Estate, Farnborough, Hants, England
MUNGER, H. H.—Dept. of Appl. Mech., Kansas State College, Manhattan, Kansas, USA
MUNK, M. M.—Catholic University, Washington 17, D. C., USA
MUNK, W. H.—Scripps Institute of Oceanography, La Jolla, Cal., USA
MURPHY, G.—101 Lab. of Mechanics, Iowa State College, Ames, Iowa, USA
MURRAY, W. M.—Room 3-260, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
MUSGRAVE, M. J. P.—Physics (E) Section, Engng. Bldg., Natl. Physical Laboratory, Teddington, Middlesex, England
MUSSMANN, H.—Postreitweg 106, Essen, Germany
MYKLESTAD, N. O.—290 Ancona Drive, Long Beach 3, Cal., USA

N

NABARRO, F. R. N.—Dept. of Physics, University Witwatersrand, Johannesburg, South Africa
NADAI, A.—136 Cherry Valley Road, Pittsburgh 21, Pa., USA
NAGHDI, P. M.—Dept. of Engng. Mech., University of Michigan, Ann Arbor, Mich., USA
NAPOLITANO, L.—Istituto di Costruzioni Aeronautiche, Università di Napoli, via Mezzo Cannone, Naples, Italy
NARDINI, R.—Instituto Matematico dell'Università, Bologna, Italy
NASH, W. A.—Dept. of Engng. Mech., University of Florida, Gainesville, Fla., USA
NASVYTIS, A. L.—1380 Ansel Road, Cleveland 6, Ohio, USA
NECHLEBA, M.—Brno 16, Smejkalova 19, CSR, Czechoslovakia
NESBEDA, P.—RCA E.P.D., Bldg. 10-8, Camden 2, New Jersey, USA
NEUBER, H.—Technische Hochschule München, Mechanisch-technisches Laboratorium, München, Germany
NEUMANN, R. K.—c/o Aerojet-General Corp., Sacramento, Cal., USA
NEWMAN, E. G.—Dept. of Mech. Engng., Stevens Institute of Technology, Fifth & Hudson Sts., Hoboken, New Jersey, USA
NEWMARK, N. M.—111 Talbot Lab., University of Illinois, Urbana, Ill., USA
NEWTON, R. E.—U. S. Naval Postgraduate School, Monterey, Cal., USA
NIEDENFUHR, F. W.—Dept. of Mech., 225 Industrial Engng. Bldg., The Ohio State Univ., Columbus 10. Ohio, USA
NIEDZWIEDZKI, A.—1332 South 72nd St., Milwaukee 14, Wis., USA
NIELSEN, J.—1124 Laureles Dr., Los Altos, Cal., USA
NIELSEN, L.—Plastics Division, Monsanto Chemical Co., Springfield, Mass., USA
NIGAM, S. D.—Dept. of Appl. Math., Indian Institute of Technology, Kharagpur (B. N. Ry.), India
NILSON, R.—Råsundavägen 70, Solna, Sweden
NIORDSON, F. I.—Backvägen 9, Solna, Sweden
NITZBERG, G. E.—Ames Aeronautical Lab., NACA, Moffett Field, Cal., USA
NOBLE, B.—University College of North Staffordshire, Keele, Staffordshire, England
NOLAN, J. E.—Westinghouse Atomic Power Division, Large, Pa., USA
NOLL, W.—Math. Dept., University of Southern California, Los Angeles 7, Cal., USA
NORRIS, R. H.—1385 Regent St., Schenectady 8, N. Y., USA
NOTHMANN, G. A.—Armour Research Foundation, 30 West 33rd St., Chicago, Ill., USA
NOTHWANG, G. J.—2433 Newhall St., San Jose 26, Cal., USA
NOTTAGE, H. B.—Propulsion Res. Corp., 1860 Franklin St., Santa Monica, Cal., USA

O

O'BRIEN, P.—1570 La Vereda, Berkeley, Cal., USA
O'BRIEN, T. F.—Room 33-316, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
ODMAN, S.—Osbyvagen 19, Djursholm 2, Sweden
ODQVIST, F. K. G.—Royal Institute of Technology, Stockholm, Sweden
OESTREICHER, H. L.—261 North Garland Ave., Dayton 3, Ohio, USA
OFFICER, C. B., JR.—Woods Hole Oceanographic Institute, Woods Hole, Mass., USA
OKAMOTO, T.—c/o Tokyo Institute of Technology, Ohokayama, Meguro-ku, Tokyo, Japan
OLDENBURGER, R.—Woodward Governor Co., Rockford, Ill., USA,
OLSZAK, W.—Zaklad Wytrzymalosci Materialów, ul. Wawelska 2, Warszawa, Poland
OOSTEROM, T. v.—Nationaal Luchtvaartlaboratorium, Sloterweg 145, Amsterdam W, Holland
OPPELT, W.—c/o Hartmann & Braun, Frankfurt-am-Main West 13, Frankfurt, Germany
OPPENHEIM, A. K.—Div. of Mech. Engng., University of California, Berkeley 4, Cal., USA

ORNSTEIN, W.—6629 Kingsbury Blvd., University City 5, Mo., USA
ORR, W. L.—% University of Peshawar, Peshawar, N.W.F.P., West Pakistan
OSGOOD, C. C.—3029 Horner Ave., Merchantville 8, New Jersey, USA
OSGOOD, W. R.—Illinois Institute of Technology, Chicago 16, Ill., USA
OSTRACH, S.—3659 Cummings Road, Cleveland Heights 18, Ohio, USA
OUWERKERK, L. v.—Schansweg 9, Overschie, Holland
OWEN, P. R.—Fluid Motion Lab., The University, Manchester 13, England
OWEN, W. M.—AiResearch Mfg. Co., Los Angeles 45, Cal., USA

P

PACK, D. C.—The Royal Tech. College, George St., Glasgow, C. 1, Scotland
PAI, S. I.—University of Maryland, College Park, Maryland, USA
PALIJENKO, W. B.—88 Moore Ave., Toronto 7, Ontario, Canada
PALM, J. H.—% Hilarius' Draadindustrie & Handelmij N. V., P.O. Box 250, Haarlem, Holland
PANKHURST, R. C.—Aerodynamics Div., Natl. Physical Laboratory, Teddington, Middlesex, England
PAO, Y.-H.—Res. Div., Polychemical Dept., Du Pont Experimental Station, Wilmington, Del., USA
PAPAIOANNOU, C.—22, Jacouidou St., Athens 9, Greece
PARKIN, B. R.—Hydrodynamics Lab., California Institute of Technology, 1201 E. California St., Pasadena 4, Cal., USA
PARKIN, P. H.—Bldg. Research Station, Garston, Watford, Herts, England
PARKUS, H.—Hockegasse 69, Vienna 18, Austria
PASCHKIS, V.—Heat and Mass Flow Analyzer Lab., Columbia University, New York 27, N. Y., USA
PATERSON, S.—Imperial Chemical Industries Ltd., Nobel Div., Res. Dept., Stevenston, Ayrshire, Scotland
PATTANTYUS, G.—Stoczek u. 2, Budapest XI, Hungary
PAVIA, R. V.—Aeronautical Research Labs., Box 4331 G.P.O., Melbourne, Australia
PEARCE, C. E.—Dept. of Mech. Engng., Kansas State College, Manhattan, Kansas, USA
PEARCE, R. P.—Math. Dept., University College, Dundee, Scotland
PEARSON, C. E.—Gordon MacKay Lab., Harvard University, Cambridge, Mass., USA
PECK, C. F., JR.—Carnegie Institute of Technology, Pittsburgh 13, Pa., USA
PEI, M. L.—104 River Edge Road, Bergenfield, New Jersey, USA
PELL, W. H.—Dept. of Math. and Astronomy, University of Kentucky, Lexington, Ky., USA
PENGELLEY, C. D.—Southwest Research Institute, 8500 Culebra Rd., San Antonio 6, Texas, USA
PENNER, S. S.—Guggenheim Jet Propulsion Center, California Institute of Technology, Pasadena, Cal., USA
PERRY, C. L.—Dept. of Math. and Mech., U. S. Naval Postgraduate School, Monterey, Cal., USA
PERSEN, L. N.—Norges Tekniske Hogskol, Trondheim, Norway
PERSH, J.—Aerophysics Div., Naval Ordnance Lab., White Oak, Silver Spring, Maryland, USA
PETERSOHN, E.—The Aeronautical Research Institute, Stockholm, Sweden
PETERSON, R. E.—Mech. Dept., Westinghouse Research Labs., East Pittsburgh, Pa., USA
PETROFF, A.—Res. Dept., Cessna Aircraft Co., Wichita, Kansas, USA
PHILLIPS, A.—Yale University, 15 Prospect St., New Haven, Conn., USA
PHILLIPS, W. H.—310 Manteo Ave., Hampton, Virginia, USA
PIAN, T. H. H.—Room 33-316, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
PIATTI, L. J.—Calle 12 No. 1331, Ciudad Eva Peron, Republica Argentina
PICKETT, G.—Bengal Engineering College, Howrah, West Bengal, India
PIGFORD, R. L.—Div. of Chem. Engng., University of Delaware, Newark, Del., USA
PIGNEDOLI, A.—Via Andrea Costa 141/16°, Bologna, Italy
PILARCZYK, K.—% Clevite Research Center, 540 East 105th St., Cleveland 8, Ohio, USA
PILLOW, A. F.—% Appl. Math. Dept., Sydney University, Chippendale, N.S.W., Australia
PIPES, L. A.—University of California, Los Angeles 24, Cal., USA
PISTER, K. S.—Div. of Civil Engng., University of California, Berkeley 4, Cal., USA
PITKANEN, P. H.—Dept. of Physics, University of South Carolina, Columbia, S. C., USA
PLANTEMA, F. J.—Nationaal Luchtvaartlaboratorium, Sloterweg 145, Amsterdam W., Holland
PLASS, H. J.—Dept. of Engng. Mech., The University of Texas, Austin 12, Texas, USA
PLATO, G.—Jahnstrasse 36, Darmstadt, Germany
PLESSET, M. S.—California Institute of Technology, 1201 E. California St., Pasadena 4, Cal., USA
PLUNKETT, R.—Bldg. #37, Room 375, Gen. Engng. Lab., General Electric Co., One River Road, Schenectady 5, N. Y., USA
PODE, L.—1815 Sanford Road, Silver Spring, Maryland, USA
POHLHAUSEN, K.—1244 Windsor Ave., Dayton 7, Ohio, USA
POLACHEK, H.—Appl. Math. Lab., David W. Taylor Model Basin, Washington 7, D. C., USA
POLAKOWSKI, N. H.—6700 S. Clyde Ave., Chicago, Ill., USA
POLIVKA, J. J.—1150 Arch St., Berkeley 8, Cal., USA
POPOV, E. P.—Div. of Civil Engng., University of California, Berkeley 4, Cal., USA
POPOVICH, M.—Dept. of Mech. Engng., Oregon State College, Corvallis, Ore., USA
PORTER, A.—Ferranti Electric Ltd., Mt. Dennis, Toronto 15, Canada
POSCHL, TH.—Inst. for Appl. Mech., Wendstrasse 5, 17a Karlsruhe (Baden), Germany
POSNIAK, B.—17 Beninato Road, Bloomfield, Conn., USA
POTTER, J. H.—Stevens Institute of Technology, Hoboken, New Jersey, USA
POWELL, R. W.—1954 Indianola Ave., Columbus 1, Ohio, USA
POWER, G.—Dept. of Math., The University, Nottingham, England
PRAGER, W.—Richardson Hall, Brown University, Providence 12, R. I., USA
PRESS, H.—Langley Aeronautical Lab., NACA, Langley Field, Virginia, USA
PRICE, G. B.—Math. Dept., University of Kansas, Lawrence, Kansas, USA
PRICE, D. H.—9 Bryant Crescent, White Plains, N. Y., USA
PRICE, E. W.—Code 5014, China Lake, Cal., USA
PRICE, T. W.—Indian Institute of Technology, Kharagpur, E., Rhy, India
PRIM, R. C., 3RD—Bell Telephone Laboratories, Murray Hill, New Jersey, USA
PRITCHARD, D. W.—Chesapeake Bay Institute, Box 426A, R. F. D. 2, Annapolis, Maryland, USA
PROBSTEIN, R. F.—Div. of Engng., Brown University, Providence, R. I., USA
PROUDMAN, I.—"Windnish," Babraham Road, Cambridge, England
PUTNAM, A. A.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA

Q

QUIGG, G. C.—Aeronautical Research Labs., Box 4331, G.P.O., Melbourne, Australia
QUINTAL, R.—4587 Coolbrook Ave., Montreal 28, Canada

R

RADENKOVIČ, D.—12 Ljube Stojanovica, Belgrade, Yugoslavia
RADOK, J. R. M.—Aeronautical Research Labs., Box 4331, G. P. O., Melbourne, Australia
RAITT, R.—Marine Physical Lab., Point Loma, San Diego 52, Cal., USA
RAMBERG, W.—Natl. Bureau of Standards, Washington 25, D. C., USA
RAMM, H. J.—606 Larrymore Drive, Manchester, Tennessee, USA
RAND, M.—Dept. of Mech. Engng., University of Toronto, Toronto 5, Canada
RAO, G. V. R.—3192 S. Barrington, Los Angeles 66, Cal., USA
RAŠKOVIČ, D.—46 Timocka, Belgrade, Yugoslavia
RATHGEB, E.—Av. Roque Saenz Pena 760, piso 3° of .77, Buenos Aires, Argentina
REAM, N.—Natl. Physical Laboratory, Control Mechanisms and Electronics Div., Teddington, Middlesex, England
REED, F.—Arthur D. Little, Inc., 30 Memorial Drive, Cambridge, Mass., USA
REED, R. D.—John Zinc Co., P. O. Box 7216, Brookside, Tulsa 15, Okla., USA
REGENSCHEIT, B.—Morellerweg 2, Aachen, Germany
REGIER, A. A.—Route 1, Box 269-AA, Warwick, Virginia, USA

Reid, R. O.—Dept. of Oceanography, Texas A. & M., College Station, Texas, USA
Reid, W. T.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
Reiner, M.—Hebrew Technical College, Haifa, Israel
Reissner, H. J.—35 Clark St., Brooklyn 2, New York, USA
Rektorys, K.—RNDr, Mathemat. Institute, Na Jojisti, Praha, Czechoslovakia
Riabokin, T. F.—Rosemount Aero. Labs., Rosemount, Minn., USA
Ribner, H. S.—Institute of Aerophysics, University of Toronto, Toronto 5, Canada
Richards, C. W.—Dept. of Civ. Engng., Stanford University, Stanford, Cal., USA
Richardson, E. G.—Phys. Dept., University of Durham, King's College, Newcastle upon Tyne 1, England
Richmond, W. O.—Dept. of Mech. Engng., Univ. of British Columbia, Vancouver, Canada
Riegels, F. W.—Zeppelinstr. 4, Göttingen, Germany
Riehl, H.—Dept. of Meteorology, University of Chicago, Chicago 37, Ill., USA
Riley, J. D.—Dept. of Math., University of Kentucky, Lexington, Ky., USA
Rinehart, J. S.—Michelson Lab., U. S. Naval Ordnance Test Station, China Lake, Cal., USA
Rinehart, R. F.—Case Institute of Technology, Cleveland 6, Ohio, USA
Ringdahl, K. A.—Kungliga Tekniska Högskölan, Stockholm, Valhallavagen, Sweden
Riparbelli, C.—Dept. of Aero. Engng., Cornell University, Ithaca, N. Y., USA
Ripperger, E. A.—4701 Chiappero Trail, Austin 3, Texas, USA
Ritter, A.—Propulsion and Structural Res. Dept., Armour Research Foundation, Technology Center, Chicago 16, Illinois, USA
Roark, R. J.—University of Wisconsin, Madison, Wis., USA
Roberts, H. C.—University of Illinois, 205 Talbot Lab., Urbana, Ill., USA
Roberts, R. C.—3609 Dupont, Kensington, Maryland, USA
Robertson, J. M.—125 Talbot Lab., University of Illinois, Urbana, Ill., USA
Rocha, M.—Laboratorio de Engenharia Civil, Av. Rovisco Pais, Lisboa, Portugal
Roesler, F. C.—Akers Res. Labs., Imperial Chemical Industries, Ltd., The Frythe, Welwyn, Hertfordshire, England
Rogers, F. T., Jr.—Dept. of Physics, University of South Carolina, Columbia, S. C., USA
Rohsenow, W. M.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Romita, P. L.—Istituto di Idraulica, Politecnico di Milano, Piazza Leonardo da Vinci 32, Milano, Italy
Rosenberg, R. M.—University of Toledo, Toledo, Ohio, USA
Rosenthal, D.—University of California, Los Angeles 24, Cal., USA
Roshko, A.—California Institute of Technology, Pasadena, Cal., USA
Ross, A. L.—Analysis Design Section, ANP Project, General Electric Co., Box 132, Cincinnati 15, Ohio, USA
Rost, U.—Bunsenstr. 10, Göttingen, Germany
Rothemich, E. F.—Riley Stoker Corp., Worcester, Mass., USA
Rott, N.—Grad. School of Aero. Engng., Cornell University, Ithaca, N. Y., USA
Rotta, J.—Zeppelinstr. 3, Göttingen, Germany
Rouse, H.—Hydraulics Lab., University of Iowa, Iowa City, Iowa, USA
Rubesin, M. W.—Ames Aeronautical Lab., Moffett Field, Cal., USA
Rudinger, G.—Cornell Aeronautical Lab., Inc., 4455 Genessee St., Buffalo, N. Y., USA
Rudnick, P.—Marine Phys. Lab. of the Scripps Instn. of Oceanography, University of California, San Diego 52, Cal., USA
Ruediger, O.—Wortbergrode 2, Essen, Germany
Ruggiero, J.—Centro Geotecnico, Via Mezzo Cannone 16, Napoli, Italy
Russo-Spera, A.—Istituto di Idraulica e Geotecnica, Università di Napoli, Via Mezzo Cannone 16, Napoli, Italy

S

Sachs, G.—Bldg. D-6, Collendale Campus, Syracuse 10, N. Y., USA
Sachsel, G. F.—Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio, USA
Sacks, A. H.—2879 Drew Court, Palo Alto, Cal., USA
Saenz, A. W.—Appl. Math. Br., Mech. Div., Code 3836, Naval Research Lab., Washington 20, D. C., USA
Saibel, E.—Carnegie Institute of Technology, Schenley Park, Pittsburgh 13, Pa., USA
St. Clair, C. R.—Plant 1, Motor Wheel Corp., Lansing 3, Mich., USA
St. Denis, M.—David W. Taylor Model Basin, Washington 7, D. C., USA
St. John, A.—Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
Saleh, M. A.—Chem. Engng. Dept., Faculty of Engng., Cairo University, Giza, Egypt
Saleme, E.—Mech. Dept.—"D," Atwell Bldg., Illinois Institute of Technology, Chicago 16, Ill., USA
Salmon, V.—765 Hobart St., Menlo Park, Cal., USA
Saltzer, C.—Dept. of Math., Case Institute of Technology, Cleveland, Ohio, USA
Salvadori, M. G.—Dept. of Civil Engng., Columbia University, New York 27, N. Y., USA
Salzman, G.—Dept. of Physics, University of Illinois, Urbana, Ill., USA
Sanders, J. C.—17422 Lake Ave., Lakewood, Ohio, USA
Sandorff, P. E.—Dept. of Aero. Engng., Room 33-313, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Santalo, M. A.—Dept. of Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Santini, P.—via Palestro 87, Roma, Italy
Sanuki, M.—2414 Kichijoji, Musashino, Tokyo, Japan
Satô, Y.—Earthquake Res. Inst., Tokyo University, Tokyo, Japan
Sauer, R.—34 Romanstrasse, München 38, Germany
Saunders, K. D.—11802 Dalwood, Norwalk, Cal., USA
Sawai, I.—Dept. of Industrial Chem., Kyoto University, Kyoto, Japan
Sawyer, J. S.—56 Tring Road, Dunstable Bed, England
Schaaf, S. A.—University of California, College Ave. Pool, Berkeley 5, Cal., USA
Schaefer, H.—Institut für Technische Mechanik der Technischen Hochschule Braunschweig, Braunschweig, Germany
Schaefer, M.—Boettingerstr. 6/8 (20b), Göttingen, Germany
Schardin, H.—Rosenstr. 10, Weil am Rhein, Germany
Schenker, L.—24 Webster Dr., Berkeley Heights, New Jersey, USA
Scherberg, M. G.—Aero. Res. Lab., Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, USA
Schindel, L. H.—Naval Supersonic Lab., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
Schlichting, P. H.—18, Jahnskamp, Braunschweig, Germany
Schmidt, A. O.—Kearney and Trecker Corp., Milwaukee, Wis., USA
Schneider, P. J.—Dept. of Mech. Engng., Room 102, Inst. of Tech., University of Minnesota, Minneapolis, Minn., USA
Schnittger, J.—c/o STAL, Finspong, Sweden
Schnurmann, R.—Physics Dept., Manchester Oil Refinery, Ltd., Manchester, England
Schoemaker, H. J.—c/o Waterloopkundig Laboratorium, Raam 61, Delft, Holland
Scholefield, D. A.—Hargreaves (West Riding) Ltd., 21, The Calls, Leeds, 2, Yorkshire, England
Scholz, N.—Bastholzsiedlung 124, Braunschweig-Kralenriede, Germany
Schriever, W. R.—R. R. 1, Box 243, Ottawa, Ontario, Canada
Schroeder, W.—9664 Wheatland Ave., Sunland, Cal., USA
Schubauer, G. B.—Natl. Bureau of Standards, Washington 25, D. C., USA
Schuh, H.—Svenka Aeroplan Aktiebol (SAAB), Linköping, Sweden
Schultz-Grunow, F.—Kuhscheider Weg o. Nr., Aachen, Germany
Schwaar, P.—Dammarie-les Lys (S.-&-M.), Cité S.N.E.C.M.A., France
Schweitzer, P. H.—School of Engng., The Pennsylvania State University, University Park, Pa., USA
Schwope, A. D.—540 E. 105th St., Cleveland, Ohio, USA
Schy, A. A.—Langley Aeronautical Lab., Langley Field, Virginia, USA
Schyve, J.—Ceintuurbaan 268 IV, Amsterdam—Z, Holland
Sciammarella, C. A.—Blanco Encalada 5240, Buenos Aires, Argentina
Scorer, R. S.—Dept. of Meteor., Imperial College, London, S. W. 7, England
Scott, E. J.—Dept. of Math., University of Illinois, Urbana, Ill., USA
Scruton, C.—Aerodynamics Div., Natl. Physical Laboratory, Teddington, Middlesex, England
Scurlock, A. C.—Atlantic Research Corp., Alexandria, Virginia, USA
Sears, W. R.—Grad. School of Aero. Engng., Cornell University, Ithaca, N. Y., USA

SECHLER, E. E.—Daniel Guggenheim Aero. Lab., California Institute of Technology, Pasadena 4, Cal., USA
SEGEL, L.—Flight Res. Dept., Cornell Aeronautical Lab. Inc., P. O. Box 235, Buffalo 21, N. Y., USA
SEIDE, P.—8331 Stewart Ave., Los Angeles 45, Cal., USA
SEIGEL, A. E.—U. S. Naval Ordnance Lab., White Oak, Maryland, USA
SELBERG, A.—Norges Tekniske Hogskole, Trondheim, Norway
SELIN, I.—Royal Institute of Technology, Stockholm 70, Sweden
SELLARS, J. R.—Dept. of Aero. Engng., University of Michigan, Ann Arbor, Mich., USA
SEN GUPTA, A. M.—Dept. of Math., Bengal Engineering College, Sibpore (Howrah), West Bengal, India
SERGEV, S.—Dept. of Civil Engng., University of Washington, Seattle 5, Wash., USA
SESONSKE, A.—School of Chem. and Met. Engng., Purdue University, Lafayette, Ind., USA
SESTINI, G.—Istituto di Matematica, Università, Parma, Italy
SETH, B. R.—Indian Inst. of Tech., Kharagpur, B. N. Railway, West Bengal, India
SEYDEL, E.—Schopenhauer-Str. 12, (16) Offenbach/Main, Germany
SHAFFER, B W.—Dept. of Mech. Engng., New York University, New York 53, N. Y., USA
SHAND, E. B.—Corning Glass Works, Corning, N. Y., USA
SHANLEY, F. R.—Dept. of Engng., University of California, Los Angeles, Cal., USA
SHAPIRO, A. H.—Cambridge University, Trumpington St., Cambridge, England
SHARP, A. G.—Dept. of Civil Engng., University of Massachusetts, Amherst, Mass., USA
SHARP, J.—Southwest Research Institute, 8500 Culebra Rd., San Antonio 6, Texas, USA
SHAW, F. S.—Structures and Materials Div., Aeronautical Research Labs., Box 4331, G.P.O., Melbourne, Australia
SHAW, M. C.—Room 35-134, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
SHAW, W. C.—U. S. Ordnance Test Station, China Lake, Calif.
SHEETS, H. E.—Electric Boat Div., General Dynamics Corp., Groton, Conn., USA
SHELSON, W.—72 Castlewood Road, Toronto 12, Canada
SHEN, S. F.—Dept. Aero. Engng., University of Maryland, College Park, Maryland, USA
SHEPHERD, D. G.—Sibley School of Mech. Engng., Cornell University, Ithaca, N. Y., USA
SHEPHERD, W. M.—Dept. of Theor. Mech., University of Bristol, Unity St., Bristol 1, England
SHERBURNE, R. K.—Phys. Sci. Lab., New Mexico College of Agriculture and Mechanical Arts, State College, N. Mex., USA
SHINBROT, M.—254 Los Trancos Woods, Redwood City, Cal., USA
SHOBERT, E. I., II—Engng. Dept., Stackpole Carbon Co., St. Mary's, Pa., USA
SHOCKLEY, W. G.—Waterways Experiment Station, Vicksburg, Miss., USA
SHORT, B. E.—P. O. Box 1659, University Station, Austin, Texas, USA
SHUBIK, M.—Economics Res. Project, Princeton University, Princeton, New Jersey, USA
SIBBITT, W. L.—School of Mech. Engng., Purdue University, Lafayette, Ind., USA
SIEBEL, E.—Cannstatter Str. 2/2, Stuttgart-O, Germany
SIEG, L.—Verlag W. Girardet, Gerswidastrasse 2, Essen, Germany
SIEGEL, K. M.—Aero. Res. Center, University of Michigan, Ypsilanti, Mich., USA
SIEGEL, R.—Knolls Atomic Power Station, General Electric Co., Building C-2, Schenectady, N. Y., USA
SIESS, C. P.—114 Talbot Lab., University of Illinois, Urbana, Ill., USA
SILBERSTEIN, M. S.—Nuclear Development Associates, Inc., 80 Grand St., White Plains, N. Y., USA
SILFVERHIELM, A.—Aschebergsgatan 5, Göteborg C., Sweden
SILVERMAN, S.—Applied Physics Lab., The Johns Hopkins University, Silver Spring, Maryland, USA
SIMON, D. M.—Magnolia Petroleum Co., P. O. Box 900, Dallas 21, Texas, USA
SIMON, R.—Engng. Res. Associates, Div. of Remington Rand, 1902 W. Minnehaha, St. Paul W.4, Minn., USA
SIMONS, E. M.—Battelle Memorial Institute, 505 King Ave., Columbus, Ohio, USA
SIMPSON, H.—Rm. 5-229, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
SIMPSON, H.—Chem. Engng. Dept., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
SINCLAIR, G. M.—321 B Talbot Lab., University of Illinois, Urbana, Ill., USA
SINES, G. H.—5640 S. Ellis, Chicago 37, Ill., USA
SINGER, J. M.—Explosives & Physical Sciences Div., U. S. Bureau of Mines, Pittsburgh, Pa., USA
SINNETTE, J. T.—2251 Spaulding Place, Altadena, Cal., USA
SISSINGH, G. J.—160-A Haddon Hills, Haddonfield, New Jersey, USA
SJÖSTRÖM, S.—Scania-Vabis, Södertälje, Sweden
SKEMPTON, A. W.—Imperial College, London, S. W. 7, England
SLIBAR, A.—Room 3-354, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
SLOTBOOM, J. G.—Centraal Proefstation, Staatsmijnen in Limburg, Treebeek (L), Holland
SMELT, R.—Gas Dynamics Facility, Aro, Inc., 522 Olive St., St. Louis 1, Mo., USA
SMETANA, J.—Technical University, Prague XIX, Slinova 7, Czechoslovakia
SMILEY, R. F.—249 Newport News Ave., Hampton, Virginia, USA
SMILG, B.—117 Valleyview Drive, Dayton 5, Ohio, USA
SMIRNOFF, M. V.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
SMITH, C. M.—290 Kathleen Drive, Gregory Gardens, Concord, Cal., USA
SMITH, C. V. L.—c/o Commanding Officer, #100 Fleet Post Office, New York, N. Y., USA
SMITH, C. W.—Aircraft Gas Turbine Engng. Div., General Electric Co., 920 Western Ave., Lynn, Mass., USA
SMITH, E.—Engng., University of Missouri, Columbia, Mo., USA
SMITH, G. V.—Research Lab., U. S. Steel Corp., Kearny, New Jersey, USA
SMITH, L. W.—Combustion Engng., Inc., Nuclear Power Div., 200 Madison Ave., New York 16, N. Y., USA
SMOLUCHOWSKI, R.—4737 Wallingford St., Pittsburgh 13, Pa., USA
SNEDDON, I. N.—University College of North Staffordshire, Keele Hall, Stoke-on-Trent, England
SODERBERG, C. R.—Massachusetts Institute of Technology, Cambridge 39, Mass., USA
SOETE, W.—Kortrijksteenweg 265, Ghent, Belgium
SOKOLNIKOFF, I. S.—Dept. of Math., University of California, Los Angeles 24, Cal., USA
SOLVEY, J.—Aeronautical Research Labs., Box 4331, G.P.O., Melbourne, Australia
SOMERS, E. V.—Thermodynamics Section, Westinghouse Research Labs., East Pittsburgh, Pa., USA
SONNTAG, G.—Olgastrasse 21, München 2, Germany
SOROKA, W. W.—Engng. Design Div., University of California, Berkeley 4, Cal., USA
SPALDING, D. B.—City & Guilds College, Exhibition Road, London, S.W. 7, England
SPARING, W. H.—American Steel Foundries, 400–410 N. Michigan Ave., Chicago 11, Ill., USA
SPATH, R. M.—Missile Systems Div., Lockheed Aircraft Corp., Van Nuys, Cal., USA
SPEER, T. L.—Room 258, Engng. Res. Dept., 2400 New York Ave., Whiting, Ind., USA
SPENCE, R. D.—Dept. of Physics, Michigan State College, East Lansing, Mich., USA
SPIVACK, H. M.—West Coast Research Co., 2371 Westwood Blvd., Los Angeles 64, Cal., USA
SPREITER, J. R.—11541 Herman Way, Mountain View, Cal., USA
SPRONCK, R. G. A.—Rue de Schlessin, 49, Liege, Belgium
SQUIRE, W.—Cornell Aeronautical Lab., Inc., 4455 Genessee St., Buffalo 21, N. Y., USA
STALDER, J. R.—Ames Aeronautical Lab., Moffett Field, Cal., USA
STALEY, R. C.—Dept. of Meteor., University of Texas, Austin 12, Texas, USA
STANIŠIĆ, M. M.—Div. of Engng. Sciences, Purdue University, Lafayette, Ind., USA
STANITZ, J. D.—1085 Wilbert Road, Lakewood 7, Ohio, USA
STARKMAN, E. S.—Div. of Mech. Engng., University of California, Berkeley, Cal., USA
STEELE, M. C.—Dept. of Theor. and Appl. Mech., University of Illinois, Urbana, Ill., USA
STEG, L.—Dept. of Engng. Mech., Thurston Hall, Cornell University, Ithaca, N. Y., USA
STEIN, M. L.—3515 Udall St., San Diego 6, Cal., USA
STENEROTH, E.—Rederiaktiebolaget Nordstjernan, Postbox 7196, Stockholm 7, Sweden
STEPHENSON, J. M.—Manning, Maxwell & Moore, Inc., Shelter Rock Lane, Danbury, Conn., USA
STEPNIEWSKI, W. Z.—Helicopter Corp., Morton, Pa., USA

STERN, E. G.—Engng. Exp. Sta., Virginia Polytechnic Institute, Blacksburg, Virginia, USA
STERN, M. E.—Dept. of Meteor., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
STERNBERG, E.—Illinois Institute of Technology, Chicago 16, Ill., USA
STERNLING, C. V.—Shell Development Co., 4560 Horton St., Emeryville, Cal., USA
STEVENS, J. E.—1619 Monte Carlo Drive, Dallas 24, Texas, USA
STEVER, H. G.—77 Massachusetts Ave., Cambridge, Mass., USA
STEWART, J. L.—U. S. Navy Electronics Lab., San Diego 52, Cal., USA
STEWART, R. M.—Jet Propulsion Lab., California Institute of Technology, Pasadena 3, Cal., USA
STEWARTSON, K.—Dept. of Math., Bristol University, Bristol 8, England
STILES, W. B.—Box 517, University, Alabama, USA
STINE, H. A.—4208 Suzanne Drive, Palo Alto, Cal., USA
STIPPES, M.—Dept. Appl. Mech., Virginia Polytechnic Institute, Blacksburg, Virginia, USA
STOEVER, H. J.—Iowa State University, Ames, Iowa, USA
STOKEY, W. F.—Dept. of Mech. Engng., Carnegie Institute of Technology, Schenley Park, Pittsburgh 13, Pa., USA
STOMMEL, H.—Woods Hole Oceanographic Institute, Woods Hole, Mass., USA
STONE, W. M.—Math. Dept., Oregon State College, Corvallis, Ore., USA
STOUT, E. G.—Consolidated Vultee Aircraft Corp., San Diego 12, Cal., USA
STRANG, C. D., JR.—226 Algoma Blvd., Oshkosh, Wis., USA
STREET, R. E.—Guggenheim Hall, University of Washington, Seattle, Wash., USA
STREHLOW, R. A.—Ballistic Research Labs., Aberdeen Proving Ground, Maryland, USA
STRSCHELETSKY, M.—Ernst Lehmanstrasse 21, (14b) Friedrichshafen am Bodensee, Germany
STUART, D. A.—Dept. of Engng. Materials, Cornell University, Ithaca, N. Y., USA
STUART, J. T.—Aerodynamics Div., Natl. Physical Laboratory, Teddington, Middlesex, England
STURM, R. G.—Auburn Research Foundation and Engineering Experiment Station, Textile Bldg. Auburn, Alabama, USA
STÜSSI, F.—Eidgenössische Technische Hochschule, Zurich, Switzerland
SUKLJE, L.—Technical University, Cojzova 5, Ljubljana, Yugoslavia
SULTANOFF, M.—Detonation and Initiation Section, Terminal Ballistics Lab., Aberdeen Proving Ground, Maryland
SUNDQUIST, K. J.—Vattenbyggnadsbyran, 29, Humlegardsgatan, Stockholm, Sweden
SUPINO, G.—28 Viale Aldini, Bologna, Italy
SVED, G.—Civil Engng. Dept., University of Adelaide, Adelaide, South Australia
SWAINGER, K. H.—c/o Commonwealth Bank of Australia, Australia House, Strand, London, W. C. 2, England
SWANSON, D. L.—220 N. Richmond Street, Chester, Virginia, USA
SWENSON, G. W., JR.—University of Alaska, Box 83, College, Alaska
SYLWESTROWICZ, W.—Room 1-307, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
SYMONDS, P. S.—Grad. Div. of Appl. Math., Brown University, Providence 12, R. I., USA
SZEBEHELY, V. G.—4504 Gladwin Drive, Bethesda 14, Maryland, USA
SZÈCHY, CH.—Roham-ut 3, Budapest I, Hungary
SZIKLA, G.—Hegyalja ut 5, Budapest, Hungary

T

TACONIS, K. W.—Kamarlingh Onnes Laboratorium, Nieuwsteeg 18, Leiden, Netherlands
TAKAHASHI, Y.—319 Beacon St., Boston 16, Mass., USA
TALBOT, L.—Mech. Engng. Dept., University of California, Berkeley 4, Cal., USA
TAMAKI, H.—Inst. of Industrial Sci., University of Tokyo, Chiba, Japan
TAN, H. S. T.—Engng. Mech. Dept., University of Notre Dame, South Bend, Ind., USA
TARGOFF, W.—Cornell Aeronautical Lab., Inc., 4455 Genesee St., Buffalo 21, N. Y., USA
TAUXE, G. J.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
TAYLOR, W. C.—Interior Ballistics Lab., Ballistics Research Labs., Aberdeen Proving Ground, Md., USA
TCHEN, C.-M.—Natl. Bureau of Standards, Van Ness and Connecticut Ave., Washington 25, D. C., USA
TEICHMANN, O. E.—Illinois Institute of Technology, Chicago 16, Ill., USA
TELKES, M.—New York University, New York, N. Y., USA
TEMPLE, G.—Mathematical Institute, 10 Parks Road, Oxford, England
TER HAAR, D.—Dept. of Natural Philosophy, The University, St. Andrews, Fife, Scotland
TETERVIN, N.—4009 Catesby Jones Dr., Hampton, Virginia, USA
THEOPHANOPOULOS, N.—1 Pandora St., Amaroussion, Athens, Greece
THIEME, H.—Institut für Schiffbau, Berliner Tor 21, Hamburg, Germany
THOMPSON, J. N.—Civil Engng. Dept., University of Texas, Austin 12, Texas, USA
THOMPSON, M. J.—Dept. of Aero. Engng., University of Texas, Austin 12, Texas, USA
THOMSEN, E. G.—203 Mechanics Bldg., University of California, Berkeley 4, Cal., USA
THOMSON, W. T.—Div. of Engng., University of California, Los Angeles 24, Cal., USA
THRING, M. W.—Dept. of Fuel Technology, The University, St. George's Square, Scheffield, England
THURLOW, G. G.—The British Coal Utilisation Research Association, Randalls Road, Leatherhead, Surrey, England
TICHVINSKY, L. M.—Mech. Engng., University of California, Berkeley 4, Cal., USA
TIFFANY, O. L.—Willow Run Research Center, University of Michigan, Box 489, Ypsilanti, Mich., USA
TIMMAN, R.—Nassaulaan 9, Delft, Holland
TISON, L. J.—Université de Gand, Rue des Ronces 61, Gentbrugge, Belgium
TOBEY, A. C.—Fuels Res. Lab., Rm. 31-214, Massachusetts Institute of Technology, Cambridge 39, Mass., USA
TOMOTIKA, S.—Physical Inst., University of Kyoto, Faculty of Science, Kyoto, Japan
TOONG, T. Y.—Dept. Mech. Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
TOPPING, A. D.—Dept. 28 Structures, Goodyear Aircraft Corp., Akron 15, Ohio, USA
TORDA, T. P.—Dept. Mech. Engng., Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn, N. Y., USA
TOULOUKIAN, Y. S.—Mech. Engng. Bldg., Purdue University, Lafayette, Ind., USA
TOWNSEND, A. A.—Emmanuel College, Cambridge, England
TRABANT, E. A.—Engng. Exp. Sta., Purdue University, Lafayette, Ind., USA
TRATHEN, R. H.—Dept. of Mech., Rensselaer Polytechnic Institute, Troy, N. Y., USA
TRENT, H. M.—Naval Research Lab., Code 3830, Washington 25, D. C., USA
TREVENA, D. H.—Dept. of Physics, University College of Wales, Aberystwyth, Wales
TREYBAL, R. E.—New York University, New York 53, N. Y., USA
TRIBUS, M.—Engng. Dept., University of California, Los Angeles 24, Cal., USA
TRILLING, L.—Dept. of Aero Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
TRIMPI, R. L.—309 Mistletoe Dr., Warwick, Virginia, USA
TROOST, L.—Dept. of Naval Architecture and Marine Engng., Massachusetts Institute of Technology, Cambridge 39, Mass., USA
TRUELL, R.—Brown University, Providence, R. I., USA
TRUXAL, J. G.—Dept. of Elect. Engng., Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, N. Y., USA
TURKALO, A. M.—Knolls Atomic Power Lab., General Electric Co., Schenectady, N. Y., USA
TURNBOW, J. W.—Dept. Mech. Engng., University of Texas, Austin 12, Texas, USA
TURNER, C. E.—Mech. Engng. Dept., Imperial College of Science and Technology, London, S.W. 7, England
TWERSKY, V.—Electronic Defense Lab., Box 205, Mountain View, Cal., USA
TYLER, C. M., JR.—Dept. of Mech. Engng., Carnegie Institute of Technology, Pittsburgh 13, Pa., USA

U V

UBBELOHDE, A. R.—Dept. of Chem., The Queen's University, Belfast, Ireland

UBEROI, M. S.—Dept. of Aero. Engng., University of Michigan, Ann Arbor, Mich., USA
URSELL, F.—4 Belvoir Terrace, Trumpington Road, Cambridge, England

VALEY, V. A.—Dept. of Mech., USAF Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA
VAN CAMP, W. M.—School of Mech. Engng., Purdue University, W. Lafayette, Ind., USA
VAN DER HEGGE ZIJNEN, B. G.—Broekmolenweg 20, Delft, Holland
VAN DE STADT, J. H.—Enschedesestraat 305, Hengelo (O), Holland
VAN DE VOOREN, A. I.—National Aeronautical Research Institute, Sloterweg 145, Amsterdam W, Holland
VAN DYKE, M. D.—40 Hillway, Los Altos, Cal., USA
VAN HEEMERT, A.—van Hasseltlaan 22, Apeldoorn, Netherlands
VAN LE, N.—AiResearch Manufacturing Company, 402 S. 36th St., Phoenix, Ariz., USA
VANONI, V. A.—California Institute of Technology, Pasadena 4, Cal., USA
VAN TIGGELEN, A.—Université de Louvain, 98 Rue de Namur, Louvain, Belgium
VARNUM, E. C.—Operations Research, Barber-Colman Co., Rockford, Ill., USA
VASARHELYI, D.—Engng. Exp. Sta., University of Washington, Seattle 5, Wash., USA
VASILEFF, H. D.—Theoretical Section, Physics Labs., Sylvania Electric Products, Inc., 1740 Broadway, New York 19, N. Y., USA
VEDELER, G.—Det norske Veritas, Raadhusgt. 25, Oslo, Norway
VERMA, G. S.—Physics Dept., Allahabad University, Allahabad, India
VESTAL, D., JR.—Engng. Exp. Sta., Texas A. & M. College, College Station, Texas, USA
VEY, E.—Illinois Institute of Technology, Chicago 16, Ill., USA
VIDOSIC, J. P.—School of Mech. Engng., Georgia Institute of Technology, Atlanta, Ga., USA
VIEST, I. M.—104 Talbot Lab., University of Illinois, Urbana, Ill., USA
VIGNESS, I.—Naval Research Lab., Code 3850, Washington 25, D. C., USA
VILLARREAL, E. P.—54-607 La Plata, Argentina
VILLENA, L.—Avda de la Habana 147, Madrid, Spain
VINCENTI, W. G.—Ames Aeronautical Lab., Moffett Field, Cal., USA
VINTER, H.—Svejsecentralen, O. Voldgade 10, Copenhagen K., Denmark
VIPARELLI, M.—Istituto di Idraulica e Geotecnica, Università di Napoli, Via Mezzo Cannone 16, Napoli, Italy
VODIČKA, V.—Stalinova 52, Pilsen, Czechoslovakia
VOGELPOHL, G.—Bunsenstr. 16, Göttingen (British Zone), Germany
VOGT, C. J.—Div. of Mech. Engng., University of California, Berkeley 4, Cal., USA
VOLKOFF, G.—℅ Prof. W. A. Wolfe, Mech. Engng. Dept., University of British Columbia, Vancouver, Canada
VOLTERRA, E.—Rensselaer Polytechnic Institute, Troy, N. Y., USA
VON BARANOFF, A.—6 Rue Claude Pouillet, Paris XVII^{e}, France
VOSS, H. M.—2232 North 52, Milwaukee, Wis., USA
VREEDENBERG, H. A.—Kon Shell Lab., Broekmolenweg 20, Delft, Holland

W

WAHL, A. M.—Westinghouse Research Labs., East Pittsburgh, Pa., USA
WAITKUS, J.—The Air Preheater Corp., Wellsville, N. Y., USA
WALLICK, G. C.—Field Research Labs., Magnolia Petroleum Co., Dallas, Texas, USA
WAN, C. C.—3111 Northwest Highway, Dallas 20, Texas, USA
WARD, G. N.—Dept. of Aerodynamics, College of Aeronautics, Cranfield, Bletchley, Bucks, England
WARGA, L.—840 North Coronado St., Los Angeles 26, Cal., USA
WASHIZU, K.—Dept. of Aeronautics, Faculty of Engng., University of Tokyo, Kunkyo-ku, Tokyo, Japan
WATTENDORF, F. L.—Advisory Group for Aeronautical Research and Development, (AGARD), APO 230, c/o PM, New York, N. Y., USA
WAY, S.—Westinghouse Research Labs., East Pittsburgh Pa., USA
WECK, R.—Engng. Dept., University of Cambridge, Cambridge, England
WEGENER, P. P.—959 Glen Oaks Blvd., Pasadena 2, Cal., USA
WEINBLUM, G. P.—Institut für Schiffbau, Berliner Tor 21, Hamburg 1, Germany
WEINER, J. H.—Dept. of Civil Engng., Columbia University, New York 27, N. Y., USA
WEINIG, F.—Aircraft Gas Turbine Div., Bldg. 300, General Electric Co., P.O. Box 196, Cincinnati 15, Ohio, USA
WEINSTEIN, M. S.—U.S. Naval Ordnance Lab., White Oak, Silver Spring 19, Maryland, USA
WEISS, H. J.—Dept. of Math., Iowa State College, Ames, Iowa, USA
WEISS, S. I.—Dept. 28, Plant A, Goodyear Aircraft Corp., Akron 15, Ohio, USA
WELCH, W. P.—Mechanical Section, 4-N, Transportation Engng., Westinghouse Electric Corp., East Pittsburgh, Pa., USA
WELMERS, E. T.—Bell Aircraft Corp., P.O. Box 1, Buffalo 5, N. Y., USA
WELTMANN, R. N.—Lewis Flight Propulsion Lab., NACA, Cleveland 11, Ohio, USA
WENK, E.—David W. Taylor Model Basin, Washington, D. C., USA
WESKE, J. R.—Inst. Fluid Dynamics and Appl. Math., University of Maryland, College Park, Maryland, USA
WEST, C. T.—208 Industrial Engng. Bldg., Dept. of Mech., Ohio State University, Columbus 10, Ohio, USA
WEVER, F.—Max-Planck Institut für Eisenforschung Agust Thyssen-str. 1, Düsseldorf, Germany
WEYL, F. J.—4831 Nebraska Ave., Washington 16, D. C., USA
WHILLIER, A.—℅ Mech. Engng. Res. Unit, Natl. Physical Laboratory, C.S.I.R., P.O. Box 395, Pretoria, Union of South Africa
WHITE, A. O.—General Electric Co., Schenectady, N. Y., USA
WHITE, G. B.—Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
WHITE, M. P.—Whatley, Mass., USA
WHYBURN, W. M.—University of North Carolina, Chapel Hill, N. C., USA
WICK, R. S.—1200 Girard Road, Pittsburgh 27, Pa., USA
WIEGHARDT, K.—Institut für Schiffbau, Berliner Tor 21, Hamburg 1, Germany
WIERZBICKI, W.—Lwowska, Warsaw, Poland
WILANOWSKI, W. DE O'B.—Park Hey Hotel, East Park Road, Blackburn, Lancashire, England
WILKERSON, E. C.—Experiment, Inc., Richmond, Virginia, USA
WILKES, M. V.—Mathematical Lab., Corn Exchange St., Cambridge, England
WILLIAMS, A. O., JR.—Physics Dept., Brown University, Providence 12, R. I., USA
WILLIAMS, D.—Ministry of Supply, Royal Aircraft Establishment, South Farnborough, Hants, England
WILLIAMS, M. L., JR.—Daniel Guggenheim Aero. Lab., California Institute of Technology, Pasadena 4, Cal., USA
WILSON, B. L.—Natl. Bureau of Standards, Washington 25, D. C., USA
WILSON, B. S.—℅ B. Bresler, 305 EML, University of California, Berkeley 4, Cal., USA
WILSON, B. W.—Dept. of Oceanography, Texas A. & M. College, College Station, Texas, USA
WILSON, J. T.—Dept. of Geology, University of Michigan, Ann Arbor, Mich., USA
WINSOR, F. J.—Engng. Research Lab., E. I. du Pont de Nemours and Co., Wilmington, Del., USA
WINTER, G.—Dept. Structural Engng., Lincoln Hall, Cornell University, Ithaca, N. Y., USA
WISDOM, J. C.—Aeronautical Research Labs., Box 4331, G.P.O., Melbourne, Australia
WISELIUS, S. I.—Stork Bros., Hengelo (Ov.), Holland
WITTING, H.—Hebelstr. 40, Freiburg i Br., Germany
WOLFE, W. A.—University of British Columbia, Vancouver, Canada
WOLFF, I.—Escola de Engenharia, Porte Alegre-R.G.S., Brasil
WOOD, M. D.—℅ Messrs. Rustin and Hornsby Ltd., Lincoln, England
WOODS, L. C.—Math. Dept., University of Sydney, Sydney, N.S.W., Australia
WOODSOME, F. O.—Dept. of Mech. Engng., University of Colorado, Boulder, Colo., USA
WOOLLEY, R. L.—Physics Dept., College of Arts and Science, Adhamyeh, Baghdad, Iraq
WORLEY, W. J.—306e Talbot Lab., University of Illinois, Urbana, Ill., USA
WRIGHT, D. K., JR.—Case Institute of Technology, Cleveland 6, Ohio, USA
WUEST, W.—Kantstr. 28 (20b), Göttingen (British Zone), Germany
WUNDHEILER, A. W.—Illinois Institute of Technology, Technology Center, Chicago, 16, Ill., USA
WURTELE, M.—Dept. of Meteor., Massachusetts Institute of Technology, Cambridge 39, Mass., USA

Y

YEH, G. C. K.—3414 N St., Washington 7, D. C., USA
YEH, H.—Dept. of Mech. Engng., The Johns Hopkins University, Baltimore, Maryland, USA
YEN, S.-M.—Mech. Engng. Dept., Kansas State College, Manhattan, Kans., USA
YIH, C.-S.—Iowa Inst. of Hydraulic Research, University of Iowa, Iowa City, Iowa, USA
YOFFE, A. D.—Dept. of Physical Chem., Cambridge University, Cambridge, England
YORGIADIS, A.—708 Palomas Dr., N.E., Albuquerque, N. Mex., USA
YOSHIHARA, H.—1450 Princeton Dr., Dayton 6, Ohio, USA
YOUNG, A. D.—College of Aeronautics, Cranfield, Bletchley, Bucks, England
YOUNG, D.—15 Prospect St., New Haven 11, Conn., USA
YOUNG, R. A.—Engng. Dept., Douglas Aircraft Company, Inc., 3000 Ocean Park Blvd., Santa Monica, Cal., USA
YOUNG, R. L.—Dept. of Mech. Engng., Northwestern University, Evanston, Ill., USA
YU, A.-T.—55 Coralyn Ave., White Plains, N. Y., USA
YU, Y.-Y.—Dept. of Mech. Engng., L. C. Smith College of Engng., Syracuse University, Syracuse, N. Y., USA

Z

ZAND, S. J.—410 Shorehaven Dr., Erie, Pa., USA
ZARANKIEWICZ, K.—Wawelska 19 m.20, Warszawa, Poland
ZETLIN, L.—Civil Engng., Lincoln Hall, Cornell University, Ithaca, N. Y., USA
ZIEGLER, H.—Weiherweg 6, Ruschlikon, Switzerland
ZIMNOCH, V. P.—415 Peltoma Road, Haddonfield, New Jersey, USA
ZIVI, S.—Midwest Research Institute, 425 Volker Blvd., Kansas City 10, Mo., USA
ZIZICAS, G. A.—Dept. of Engng., University of California, Los Angeles 24, Cal., USA
ZWIKKER, C.—Nationaal Luchtvaartlaboratorium, Sloterweg 145, Amsterdam W, Holland

Abbreviations of Publications Reviewed

The following list gives the abbreviations with full titles of the references for articles reviewed in APPLIED MECHANICS REVIEWS. Other information has been included where it was thought necessary to readily identify the reference. Some titles which have been discontinued or are no longer received have been omitted, but these will be found, generally, in the previous lists in AMR **1,** July, December 1948; **4,** February 1952, sect. two; **7,** February 1954, sect. two.

A

Abh. Bayer. Akad. Wiss. Math. Nat. Kl. (N.F.)—Abhandlungen der Bayerischen Akademie der Wissenschaften, Mathematischnaturwissenshaftliche Klasse, München

Abh. dtsch. Akad. Wiss. Berlin, Math.-naturw. Kl.—Abhandlungen der deutschen Akademie der Wissenschaften zu Berlin, Mathematischnaturwissenschaftliche Klasse

Acad. Repub. pop. Române Stud. Cerc. Mat.—Academia Republicii populare Române, Institutul de Matematica, Studii si Cercetari Matematice

Acta math. Acad. Sci. Hung—Acta mathematica Academiae Scientiarum Hungaricae (formerly Hungaria Acta Mathematica), Budapest

Acta Metall.—Acta Metallurgica

Acta Phys. Austr.—Acta Physica Austriaca, Vienna

Acta Polyt.—Acta Polytechnica, Stockholm

Acta Pont. Acad. Sci.—Acta Pontificia Academia Scientiarum

Acta Techn. Hung. Budapest—Acta Technica, Academiae Scientiarum Hungaricae, Budapest

Acustica—Acustica

Aero. Engng. Rev.—Aeronautical Engineering Review, New York, N. Y.

Aero. Quart.—Aeronautical Quarterly, London

Aero. Res. consult. Comm. aero. Res. Lab. Melbourne, Austral.—Aeronautical Research consultative Committee, Aeronautical Research Laboratory, Melbourne, Australia, Report

Aero. Res. consult. Comm. Australia Rep.—see *Aero. Res. consult. Comm. aero. Res. Lab. Melbourne, Austral.*

Aero. Res. Counc. Lond. curr. Pap.—Aeronautical Research Council, London, Current Papers

Aero. Res. Counc. Lond. Rep. Mem.—Aeronautical Research Council, London, Report Memorandum

Aero. Res. tech. Notes—Aeronautical Research Technical Notes, Cambridge, England

Aerotecnica—L'Aerotecnica, Roma

AF tech. Rep.—Air Force technical Reports, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio

AGARD Publications—Advisory Group for Aeronautical Research and Development, North Atlantic Treaty Organization, London

Air Condit. Heat. Vent., N.Y.—Air Conditioning, Heating, and Ventilating, formerly *Heating and Ventilating*

Air Mat. Comm., Dayton, tech. Rep.—see *AF tech. Rep.*

Aircr. Engng.—Aircraft Engineering, London

Akad. Nauk SSSR. Trudi Fiz. Inst.—see *Trudi Fiz. Inst. Akad. Nauk SSSR.*

Akad. Nauk SSSR Trudi Sem. Teorii Mash. Mekh.—see *Trudi Inst. Mashinoved.*

Amer. J. Math.—American Journal of Mathematics, Baltimore

Amer. J. Phys.—American Journal of Physics

Amer. Machinist—American Machinist

Amer. Rly. Engng. Assn.—see *Bull. Amer. Rly. Engng. Assn.*

Amer. Scient.—American Scientist

Amer. Soc. Test. Mat. Bull.—see *ASTM Bull.*

Ann. Inst. Fourier Univ. Grenoble—Annales de l'Institut Fourier, Université de Grenoble

Ann. Inst. tech. Bât. Trav. publics—Institut Technique du Bâtiment et des Travaux Publics Publications, published since January, 1948 as Annales de l'Institut Technique du Bâtiment et des Travaux Publics, Paris

Ann. Ponts Chauss.—Annales des Ponts et Chaussées

Ann. Sci. École norm. sup. Paris—Annales Scientifique de l'École Normale Supérieure, Paris

Ann. Scu. norm. sup. Pisa—Annali della Scuola Normale Superiore, Scienze, Fisiche e Matematiche, Pisa

Ann. Trav. publics Belg.—Annales des Travaux publics de Belgique

Anz. Öst. Akad. Wiss. math.-nat. Kl.—see *Öst. Akad. Wiss. math.-nat. Kl. Anz.*

Appl. Math. appl. Phys. (Japan)—Applied Mathematics and Applied Physics (Japan)

Appl. sci. Res. (A)—Applied Scientific Research, Section A, Mechanics, Heat, The Hague

Appl. sci. Res. (B)—Applied Scientific Research, Section B, Electrophysics, Acoustics, Optics, The Hague.

Appl. Statistics—Applied Statistics

Arch. Budown Maszyn—Archiwum Budown Maszyn

Arch. Eisenhüttenw.—Archiv für das Eisenhüttenwesen, Düsseldorf

Arch. Gornict. Hutnict.—Archiwum Gornictwa Hutnictwa

Arch. Mech. stos.—Archivum Mechaniki Stosowanej

Ark. Geofys.—Arkiv för Geofysik, Stockholm

Artill. Tidsk.—Artilleri Tidskrift

ASTM Bull.—American Society for Testing Materials Bulletin

Astronaut. Acta—Astronautica Acta, Vienna

Atti Accad. naz. Lincei R. C. Sci. Fis. Mat. Nat.—Atti della Accademia nazionale dei Lincei, Rendiconti, Classe di Scienze, Fisiche, Matematiche e Naturali

Atti Ist. Sci. Costr. Univ. Pisa—Atti Istituto di Scienze della Costruzioni, Università di Pisa

Atti Semin. Mat. Fis. Univ. Modena—Atti del Seminario Matematico e Fisico dell' Università di Modena

Austr. J. Phys.—Australian Journal of Physics, formerly Australian Journal of Scientific Research (A)

Austral. J. appl. Sci.—Australian Journal of Applied Science, Melbourne

Austral. J. Sci. Res. (A)—see *Austr. J. Phys.*

Avtomatika i Telemekhanika—Avtomatika i Telemekhanika

B

Batim. Trav. publics—see *Ann. Inst. tech. Bât. Trav. publics*

Bauingenieur—Bauingenieur

Bautech.-Arch—Bautechnik-Archiv, Berlin

Bayer. Akad. Wiss., Jahrbuch—Bayerische Akademie der Wissenschaften, Jahrbuch, München

Bell Syst. tech. J.—Bell System Technical Journal, New York

Beton u. Stahlbeton.—Beton und Stahlbetonbau

Bol. Acad. Cienc. Fis. Mat. Nat.—Boletin de la Academia de Ciencias Físicas, Matematicás y Naturales, Caracas, Venezuela

Bol. ord. Engenheiros—Ordem dos Engenheiros, Boletim

Brennstoff-Wärme-Kraft—Brennstoff-Wärme-Kraft, Zeitschrift für Energiewirtschaft

Brit. J. appl. Phys.—British Journal of Applied Physics

Brit. J. appl. Phys. Suppl.—British Journal of Applied Physics, Supplement

Bül. Istanbul tekn. Univ.—Bületeni, Istanbul teknik Universitesi

Bull. Acad. Serbe Sci.—Bulletin Académie Serbe des Sciences

Bull. agric. mech. Coll. Texas—Bulletin of the Texas Agricultural and Mechanical College

Bull. Amer. ceram. Soc.—Bulletin of the American Ceramic Society

Bull. Amer. meteor. Soc.—Bulletin of the American Meteorological Society

Bull. Amer. Rly. Engng. Assn.—Bulletin of the American Railway Engineering Association

Bull. Assn. tech. marit. aéro.—Bulletin de l'Association Technique Maritime et Aéronautique

Bull. Calcutta math. Soc.—Bulletin of the Calcutta Mathematical Society

Bull. Centre Étud. Constr. génie civ. Hyd. Fluviale—Bulletin du Centre d'Étude de Recherches et d'Essais Scientifiques des Constructions du Génie Civil et d'Hydraulique Fluviale

Bull. Earthq. Res. Inst., Tokyo Univ.—Bulletin of the Earthquake Research Institute, Tokyo Imperial University

Bull. Fac. Engng., Yokohama nat. Univ.—Bulletin of the Faculty of Engineering, Yokohama National University

Bull. Instn. Engrs.—Bulletin of the Institution of Engineers, India

Bull. inter. Acad. Tchèque Sci.—Bulletin International de Tchèque l'Académie of Sciences

Bull. Liverpool Engng. Soc.—Bulletin, Liverpool Engineering Society

Bull. Res. Counc. Israel—Bulletin of the Research Council of Israel

Bull. seism. Soc. Amer.—Bulletin of the Seismological Society of America, Fordham University

Bull. Serv. tech. aéro.—Bulletin de Service Technique de l'Aéronautique, Rhode-St. Genèse

Bull. Soc. Ing. civ. Fr.—Bulletin de la Société des Ingénieurs Civils, Paris

Bull. Soc. Math. Phys. Sebrie—Bulletin de la Société des Mathematiciens et Physiciens de la R. P. de Serbie

Bull. Soc. roy. Sci. Liége—Bulletin de la Société Royale des Sciences de Liége

Bull. tech. Suisse Rom.—Bulletin Technique de la Suisse Romande

Bull. Univ. Wash. Engng. Exp. Sta. Seattle—see *Univ. Wash. Engng. Exp. Sta. Seattle, Wash.*

Bygnsstat. Medd.—Bygningsstatiske Meddelelser, Copenhagen

C

C. R. Acad. Sci. Paris—Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences
Cal. Inst. Technol. Guggenheim Aero. Lab.—California Institute of Technology, Guggenheim Aeronautical Laboratory
Canad. J. Math.—Canadian Journal of Mathematics
Canad. J. Phys.—Canadian Journal of Physics (formerly *Canad. J. Res. Sec. A.*)
Canad. J. Res. Sec. A—see *Canad. J. Phys.*
Canad. J. Res. Sec. F.—see *Canad. J. Technol.*
Canad. J. Technol.—Canadian Journal of Technology (formerly *Canad. J. Res. Sec. F.*)
Casopis pro pestovani matematiky a fysiky—Czechoslovak Mathematical Journal and Czechoslovak Journal of Physics
Ceske Vysoke Ucenti tech. v Praze—Ceske Vysoke Učeni Technicke v Praze
Chaleur et Industrie—Chaleur et Industrie, Paris
Chartered mech. Engr.—The Chartered Mechanical Engineer, London
Chemia—Chemia
Cienc. y Técn.—Ciencia y Técnica, Revista del Centro Estudiantes de Ingenieria, Buenos Aires
Ciencia Tecn—see *Cienc. y Técn*
Civ. Engng., N. Y.—Civil Engineering, New York
Coll. Aero. Cranfield Rep.—The College of Aeronautics Reports, Cranfield, England
Combustion—Combustion, New York
Comm. pure appl. Math.—Communications on Pure and Applied Mathematics, New York University
Comun. Inform. Escuela super. Aerotecn. Cordoba—Comunicaciones e Informes de la Escuela Superior de Aerotecnica
Concr. constr. Engng.—Concrete and Constructional Engineering, London.
Conductor Mach. Bldg.—Conductor Machine Building (Russian)
Cons. naz. Ricer.—Consiglio Nazionale delle Ricerche, Roma
Const. Super. Invest. Cienc. Inst. tecn. Constr. cem. Madrid—see *Inst. tecn. Constr. Cem. Madrid*
Consult. Bur. Trans. (Phys. Collect.)—Consultants Bureau Translations (Physics Collections), New York
Control Engng.—Control Engineering, New York
Cornell aero. Lab. Rep.—Cornell Aeronautical Laboratory Report, Cornell University
Curr. Pap. aero. Res. Counc. London—see *Aero. Res. Counc. Lond. curr. Pap.*

D

Dansk selsk Bygningsst.—see *Bygnsstat. Medd.*
David W. Taylor Mod. Basin Rep.—Reports of the David Taylor Model Basin, U. S. Navy, Washington, D. C.
David W. Taylor Mod. Basin Transl.—Translation of the David W. Taylor Model Basin, U. S. Navy, Washington, D. C.
Dock Harb. Author.—Dock Harbor Authority, London
Doklady Akad. Nauk SSSR (N.S.)—Doklady Akademii Nauk SSSR, Novaya Seriya
Douglas Aircr. Co. Rep.—Douglas Aircraft Company Report, Santa Monica, Calif.
Dtsch. Eisenbahn Tech.—Deutsche Eisenbahn Technik, Berlin

E

Eidgenoss. MatPrufAnst. Ber.—Eidgenössische Material prüfungs- und Versuchsanstalt für Industrie, Bauwesen und Gewerbe Bericht, Zürich
Eisenbahn Technik—see *Dtsch. Eisenbahn Tech.*
Elec. Engng., Chicago—Electrical Engineering, Chicago
Electrotech. u. Maschinenb.—Electrotechnik und Maschinenbau
Energia elett.—L'Energia Elettrica, Milano
Engineer, Lond.—The Engineer, London
Engineering—Engineering, London
Engng. Boiler House Rev.—Engineering and Boiler House Review, London
Engng. Dig., N.Y.—Engineering Digest, New York
Engng. J., Montreal—The Engineering Journal, Montreal
Engng. Rev., Prague—Engineering Review, Praha
Escher Wyss News—Escher Wyss News, Zürich
ETH—Eidgenössische Technische Hochschule, also L'École Polytechnique Fédérale, Zurich
Explosifs—Explosifs, Bruxelles

F

Faserforsch. u. Textiltech.—Faserforschung und Textiltechnik
Feingerätetech.—Feingerätetechnik
Feinwerktech.—Feinwerktechnik
Flugwehr u. Technik—Flugwehr und Technik.
Flygtekn. Försöksanst. Medd.—Flygtekniska Försöksanstalten Meddelanden, Stockholm
For. Prod. Lab. Rep., U. S. Dept. Agric.—Forest Product Laboratory Reports, U. S. Department of Agriculture, Madison, Wis.
Forsch. Geb. Ing.-Wes.—Forschungsarbeiten auf dem Gebiet des Ingenieurwesens, Berlin
Fuel—Fuel

G

G. Gen. civ.—Giornale del Genio Civile
Ganita—Ganita, Lucknow
Gen. Elec. KAPL—General Electric Company, Knolls Atomic Power Laboratory
Génie civ.—Le Génie Civil
Geophys. Mag., Tokyo—Geophysical Magazine, Tokyo
Géotechnique, Lond.—Géotechnique, London
Gép—Gép
Gidrotekh. Stroit.—Gidrotekhnicheskoe Stroitel' stvo
Glas. Mat.-Fiz. Astr.—Glasnik Matematičko-Fizički i Astronomiski, Zagreb
GM Engng. J.—General Motors Engineering Journal, Detroit, Mich.
Godishnik, Univ. Sofia—Godishnik, University of Sofia

H

Hansa—Hansa, verkehrs- und hafenblatt, Hamburg
Harvard Univ. Pub. grad. Sch. Engng.—Harvard University Publications from the Graduate School of Engineering, Cambridge, Mass.
Hdqtrs. Air Mat. Comm., Dayton tech. Rep.—see *AF tech. Rep.*
Heat. Pip. Air Condit.—Heating, Piping, and Air Conditioning, New York
Helv. phys. Acta—Helvetica Physica Acta, Basel
Hidrológiai Közlöny—Hidrólogiai Közlöny, Budapest
Houille blanche—La Houille Blanche, Grenoble
Hung. Acta math.—see *Acta math. Acad. Sci. Hung.*
Hung. techn. Abstr.—Hungarian Technical Abstracts

I

Ill. Univ. Engng. Exp. Sta. Bull.—see *Univ. Ill. Engng. Exp. Sta. Bull.*
Indagationes Math.—Indagationes Mathematicae, Amsterdam
Index aero.—Index Aeronautics, London
Indian J. Phys.—Indian Journal of Physics, Calcutta
Indian J. theor. Phys.—Indian Journal of Theoretical Physics
Indust. céram.—L'Industrie Céramique, Neuilly-sur-Seine
Indust. Engng. Chem.—Industrial and Engineering Chemistry, Washington, D. C.
Indust. Lab.—Industrial Laboratories, Chicago, Ill.
Indust. Sci. Engng.—Industrial Science and Engineering, Chicago, Ill.
Inform. Construc.—Informes de la Construccion, Madrid
Ing.-Arch.—Ingenieur-Archiv, Berlin
Ingenieur—De Ingenieur, The Hague
Ingenieur, Indonesie—De Ingenieur in Indonesie
Ingenieur 's Grav.—see *Ingenieur*
IngenVetenskAkad. Tidsk. Tekn. Forsk.—Ingeniörsvetenskapsakademien Tidskrift för Teknisk-Vetenskaplig Forskning, Stockholm
IngenVidensk. Skr.—Ingeniørvidenskabelige Skrifter, Copenhagen
Inst. aero. Sci. Prepr.—Institute of the Aeronautical Sciences, Preprints
Inst. Aerophys. Univ. Toronto UTIA Rep.—Institute of Aerophysics, University of Toronto, Report
Inst. Brobyggnad Medd.—Institutionen för Brobyggnad (Kungl. Tekniska Högskolan), Stockholm
Inst. Fluid Dynam. appl. Math., Univ. Maryland—Institute of Fluid Dynamics and Applied Mathematics, University of Maryland
Inst. mar. Engrs. Trans.—see *Trans. Inst. mar. Engrs.*
Inst. Pesq. Tecnol. Sao Paulo Publ.—Publications of the Instituto de Pesquisas Tecnológicas, São Paulo
Inst. tech. Bâtim. Trav. publ.—see *Ann. Inst. tech. Bât. Trav. publics*
Inst. tech. Constr. Cem. Publ.—Publications of the Institute for Technical Construction and Cement, Madrid (in Spanish)
Instn. Byggnadsst. Medd.—Institutionen för Byggnadsstatik, Meddelanden (Kungl. Tekniska Högskolan), Stockholm
Instn. mech. Engrs. Auto. Div.—Institution of Mechanical Engineers, Automotive Division

Instn. mech. Engrs. Proc.—Institution of Mechanical Engineers, London, Proceedings
Instrum. and Automat.—Instruments and Automation, Pittsburgh, Pa. (formerly *Instruments*)
Instrum. Measur. Conf., Stockholm, Trans.—Transactions of the Instrument Measurement Conference, Stockholm
Instruments,—see *Instrum. and Automat.*
Inter. Assn. Bridge struct. Engng. Publ.—see *Publ. Inter. Assn. Bridge struct. Engng.*
Inter. Assn. hyd. Struct. Res.—International Association for Hydraulic Structural Research, Grenoble
Inter avia—Inter avia
Inter. Holzmarkt—Internazionaler Holzmarkt
Inter. Shipbldg. Progr.—International Shipbuilding Progress, Rotterdam
Inter. Union theor. appl. Mech. Inter. astron. Union—International Union of Theoretical and Applied Mechanics, International Astronomical Union, CADO, Dayton, Ohio.
Inzhener. Sbornik, Akad. Nauk SSSR—Inzhenernĭ Sbornik Akademiĭ Nauk SSSR
Inzyn. Budown.—Inzynieria i Budownictwo, Warsaw
Iowa Engng. Exp. Sta. Bull.—Iowa Engineering Experiment Station Bulletin, Ames, Iowa.
Iowa St. Coll. Bull. Engng. Rep.—Iowa State College Bulletin, Engineering Report.
Iowa St. Coll. J. Sci.—Iowa State College Journal of Science, Ames, Iowa
Iron Steel Engr.—Iron and Steel Engineer, Pittsburgh, Pa.
Ist. Veneto Sci. Lett. Arti—see *Atti Ist. Veneto Sci.*
Istanbul tekn. Univ. Büls.—see *Bül. Istanbul tekn. Univ.*
Izv. Akad. Nauk Kazakh. SSR Ser. Mat. Mekh.—Izvestiya Akademiĭ Nauk Kazakhskoĭ SSR, Matematicheskh i Mekhanika
Izv. Akad. Nauk SSSR Otd. tekh. Nauk—Izvestiya Akademii Nauk SSSR, Otdelenie Tekhnicheskikh Nauk
Izv. Akad. Nauk SSSR Ser. Fiz.—Izvestiya Akademiĭ Nauk SSSR, Seriya Fizicheskaya
Izv. Akad. Nauk SSSR Ser. Geofiz.—Izvestiya Akademiĭ Nauk SSSR, Seriya Geofizicheskaya
Izv. Akad. Nauk SSSR Ser. Geograf.—Izvestiya Akademiĭ Nauk SSSR. Seriya Geograficheskaya
Izv. Akad. Nauk SSSR Ser. Mat.—Izvestiya Akademiĭ Nauk SSSR, Seriya Matematicheskh
Izv. Kazan. Filial. Akad. Nauk SSSR Ser. Fiz-Mat. tekn. Nauk—Izvestiya Kazanskogo Filiala Akademiĭ Nauk SSSR, Seriya Fiziko-matematicheskh i tekhnicheskh Nauk

J

J. acoust. Soc. Amer.—The Journal of the Acoustical Society of America
J. aero. Sci.—Journal of the Aeronautical Sciences
J. aero. Soc. India—Journal of the Aeronautical Society of India
J. aero. Soc. Japan—Journal of the Aeronautical Society of Japan
J. Amer. ceram. Soc.—The Journal of the American Ceramic Society
J. Amer. Concr. Inst.—The Journal of the American Concrete Institute
J. Amer. Rocket Soc.—see *Jet Propulsion*
J. Amer. Soc. nav. Engrs.—Journal of the American Society of Naval Engineers
J. appl. Mech.—Journal of Applied Mechanics (ASME Trans.), New York
J. appl. Phys.—Journal of Applied Physics, New York
J. Assn. Comp. Machy.—Journal of the Association of Computing Machinery
J. Boston Soc. civ. Engrs.—Journal of the Boston Society of Civil Engineers
J. Brit. interplanetary Soc.—Journal of the British interplanetary Society, Wallasey
J. chem. Phys.—Journal of Chemical Physics, New York
J. Chim. phys.—Journal de Chimie physique (et Revue générale des colloïdes) electrochimie, thermochimie, radiochimie, mécanique chimique, stoichiométrie, Paris
J. Colloid Sci.—Journal of Colloid Science, New York
J. Dairy Sci.—Journal of Dairy Science, American Dairy Science Association
J. exp. theor. Phys.—See *Zh. eksp. teor. Fiz.*
J. Fac. Sci. Hokkaido Univ.—Journal of the Faculty of Science, Hokkaido (Imperial) University, Sapporo
J. Franklin Inst.—Journal of the Franklin Institute, Philadelphia
J. geophys. Res.—Journal of Geophysical Research, Baltimore
J. Glaciology—Journal of Glaciology, London
J. Helicop. Assn.—Journal of the Helicopter Association of Great Britain
J. Indian chem. Soc.—Indian Chemical Society, Journal
J. Indian Inst. Sci.—Journal of the Indian Institute of Science, Bangalore
J. Indian Inst. Sci.—Journal, Indian Institute of Science
J. indust. Explos. Soc. Japan—Industrial Explosives Society, Japan, Journal
J. Inst. Fuel—Institute of Fuel, London, Journal
J. Inst. locomotive Engng.—Institute of Locomotive Engineering, Journal
J. Inst. Metals—The Journal of the Institute of Metals, London
J. Inst. Petrol.—Journal of the Institute of Petroleum
J. Instn. civ. Engrs.—Journal of the Institution of Civil Engineers, London
J. Instn. Engrs. Austral.—Journal of the Institution of Engineers, Sydney
J. Instn. Engrs., India—Journal of the Institution of Engineers, Calcutta
J. Iron Steel Inst. Lond.—Journal of the Iron and Steel Institute, London
J. Japan Soc. aero. Engng.—Japan Society of Aeronautical Engineering, Journal
J. Japan Soc. appl. Mech.—Journal of the Japan Society of Applied Mechanics, Tokyo
J. Japan Soc. civ. Engng.—Journal of the Japan Society of Civil Engineering
J. Japan Soc. mech. Engrs.—Journal of the Japan Society of Mechanical Engineers, Tokyo
J. Lond. math. Soc.—Journal of the London Mathematical Society
J. mar. Res.—Journal of Marine Research, New Haven, Conn.
J. Math. Phys.—Journal of Mathematics and Physics, Cambridge, Mass.
J. Math. pures appl.—Journal de Mathématiques pures et Appliquées, Paris
J. mech. Lab. Tokyo—Journal of the Mechanical Laboratory, Tokyo
J. Mech. Phys. Solids—Journal of the Mechanics and Physics of Solids
J. Metals—Journal of Metals, New York
J. Meteor.—Journal of Meteorology, Boston, Mass.
J. meteor. Soc. of Japan—Journal of the Meteorological Society of Japan
J. Operat. Res. Soc. Amer.—Journal of the Operations Research Society of America
J. opt. Soc. Amer.—Journal of the Optical Society of America
J. Petr. Technol.—Journal of Petroleum Technology, New York
J. phys. coll. Chem.—Journal of physical and colloid Chemistry
J. Phys. Radium—Le Journal de Physique et la Radium, Paris
J. phys. Soc. Japan—Journal of the Physical Society of Japan, Tokyo
J. Polymer Sci.—Journal of Polymer Science, New York
J. rational Mech. Analysis—Journal of Rational Mechanics and Analysis, publ. by The Graduate Institute for Applied Mathematics, Indiana Univ., Bloomington, Ind.
J. reine angew. Math.—Journal für die reine und angewandte Mathematik, Berlin
J. Res. Inst. Techn., Nihon Univ.—Journal of the Research Institute of Technology, Nihon University
J. Res. nat. Bur. Stands.—Journal of Research, National Bureau of Standards, Washington, D. C.
J. roy. aero. Soc.—Journal of the Royal Aeronautical Society, London
J. roy. astr. Soc. Canad.—Journal of the Royal Astronomical Society of Canada, Ontario
J. S. African Instn. mech. Engrs.—South African Institution of Mechanical Engineers, Journal
J. sci. Instrum.—Journal of Scientific Instruments and of Physics in Industry, London
J. sci. indust. Res., India—Journal of Scientific and Industrial Research, India
J. sci. Météor.—Journal Scientifique de la Météorologie, Paris
J. sci. Res. Inst. Tokyo—Journal of the Scientific Research Institute, Tokyo
J. Soc. appl. Mech. Japan—see *J. Japan Soc. appl. Mech.*
J. Soc. civ. Engrs., Japan—Journal of the Society of Civil Engineers, Japan
J. Soc. indust. appl. Math.—Society of Industrial and Applied Mathematics, Journal, Philadelphia
J. Soc. mech. Engrs. Japan—Journal, Society of Mechanical Engineers of Japan
J. Soc. Mot. Pict. Telev. Engrs.—Journal of the Society of Motion Picture and Television Engineers
J. Soil Sci.—Journal of Soil Science, Oxford
J. Text. Inst., Proc.—Journal of the Textile Institute, Proceedings, Manchester, England

J. Text. Inst. Trans.—Journal of the Textile Institute, Transactions, Manchester, England
J. Wash. Acad. Sci.—Journal of the Washington Academy of Sciences, Washington, D. C.
J. Zosen Kiowai—Journal Zosen Kiowai (Journal of the Society of Naval Architects of Japan, Tokyo)
Jahrbuch Schiffbautech. Gesellsch.—Schiffbautechnische Gesellschaft, Jahrbuch, Berlin
Jap. Sci. Rev. (I)—Japan Science Review, Series I
Jet Propulsion—Jet Propulsion, formerly *Journal of the American Rocket Society*

K

KAPL Reports—Knolls Atomic Power Laboratory, General Electric Company
K. danske Vidensk. Selsk. Mat. Fys. Medd.—Kongelige Danske Videnskabernes Selskab Matematisk-Fysiske Meddelelser, Copenhagen
K. norske Vidensk. Selsk. Föhr.—Det Kongelige Norske Videnskabernes Selskabs Förhandlingor, Trondheim
K. norske Vidensk. Selsk. Skr.—Det Kongelige Norske Videnskabers Selskabs Skrifter, Trondheim
Kansas State Coll. Bull.—see *Bull. Kansas State Coll.*
Kolloid Z.—Kolloid Zeitschrift, Frankfurt-am-Main
Kungl. tekn. Högskol. Handl.—Kungliga Tekniska Högskolans Handlingar, Stockholm.
Kyltekn. Tidskr.—Kylteknisk Tidskrift
Kyushu Univ. Res. Inst. Elast. Engng. Rep.—Kyushu University Research Institute for Elasticity, Engineering Reports, Fukuoka

L

L'Aerotecnica—see *Aerotecnica*
L'École Polytechnique Fédérale—see *ETH*
Lubrication Engng.—Lubrication Engineering, Chicago

M

Mach. Design—Machine Design
Machinenb.-Tech.—Machinenbau Technik
Machinery, Lond.—Machinery, London
Mag. Concr. Res.—Magazine of Concrete Research, London
Magyar Energiagazdaság—Magyar Energiagazdaság
Magyar fiz. Fóly.—Magyar Fizikai Fólyóirat, Budapest
Magyar Közl. Mély Viz—Magyar Közlededés Mély-és Vizépités
Magyar Technika—Magyar Technika
Magyar Tud. Akad. Mat. Fiz. Oszt. Közl.—Magyar Tudományos Akademia Matematikai és Fizikai Osztályának Közleményei
Magyar Tud. Akad. Oszt. Közl.—Magyar Tudományos Akademia Kémiai Tudományok Osztályának Közleményei
Maschinenbau Wärmewirtsch.—Maschinenbau und Wärmewirtschaft mit Lokomotiv und Fahrzeugbau
Maschinenb. u. Wärmewirtsch.—Maschinenbau und Wärmewirtschaft, Wien
Maschinenbau-Technik—Maschinenbau-Technik
Mat. sbornik—Matematicheskil Sbornik
Math. Ann.—Mathematische Annalen, Berlin
Math. Centrum Amsterdam. Rap.—Mathematisch Centrum Amsterdam, Rapport
Math. Gaz.—The Mathematical Gazette, London
Math. Japonicae—Mathematica Japonicae, Osaka
Math. Mag.—Mathematics Magazine
Math. Nachr.—Mathematische Nachrichten, Berlin
Math. Notae—Mathematicae Notae, Boletín del Instituto de Matemática, Rosario, Argentina
Math. Tables Aids Compt.—Mathematical Tables and other aids to computation
Math. Z.—Mathematische Zeitschrift
Mathematika—Mathematika, London
Mech. Engng., N. Y.—Mechanical Engineering, New York
Mech. Engr. Bangalore, India—see *J. Indian Inst. Sci.*
Medd. SkeppsProvAnst. Göteborg—Meddelanden fran Statens Skeppsprovningsanstalt
Medd. Skipsmodelltankens—Meddelande Skipsmodelltankens
Medel. Lab. Aero-Hydrodyn.—Medelelingen uit het Laboratorium voor aeroen hydrodynamics, Technische Hoogeschool, Delft.
Mélyépitéstudományi Szemle—Mélyépitéstudomanyi Szemle
Mem. Accad. Sci. Ist. Bologna, Cl. Sci. Fis.—Memorie della Accademia delle Scienze dell' Istituto di Bologna Classe di Scienze Fisiche
Mem. Accad. Sci. Torino—Memoria della reale Accademia delle Scienze di Torino
Mém. Artill. fr.—Mémorial de l'Artillerie Française
Mem. Coll. Sci. Univ. Kyoto—Memoirs of the College of Science, University of Kyoto (Series)
Mem. Fac. Engng. Kyushu Univ.—Memoirs of the Faculty of Engineering, Kyushu University, Fukuoka
Mem. Fac. Engng. Univ. Nagoya—Memoirs of the Faculty of Engineering, University of Nagoya
Mem. Fac. Sci. Engng. Waseda Univ. Tokyo—Memoirs of the Faculty of Science and Engineering, Waseda University
Mem. Fac. Technol., Tokyo Metrop. Univ.—Memoirs of the Faculty of Technology, Tokyo Metropolitan University
Mem. Inst. high Speed Mech. Tohôku Univ.—formerly *Rept. Inst. High Speed Mech., Tohôku Univ.*
Mem. ord. Engrs. Lisboa—Orden Engenheiros, Lisboa, Memoires
Mém. Sci. math.—Mémorial des Sciences Mathématiques
Mém. Soc. Ing. civ. Fr.—Mémoires de la Société des Ingénieurs Civils de France
Mém. Soc. Ing. civ. Fr. Centenaire—Mémoires de la Société des Ingénieurs Civils de France, Centenaire
Mem. Soc. roy. Belge Ingén. Industr.—Mémoires de la Société royale Belge des Ingénieurs et des Industriels, Bruxelles
Memor. Sci. Math. fasc.—Mémoriale des Sciences Mathématiques, Fascicale
Metalen—Metalen, The Hague.
Metall—Metall, Berlin
Metallforsch.—see *Z. Mettalk.*
Metallurg. Constr. mécan.—La Metallurgie et la Construction Mécanique
Metallurgia ital.—La Metallurgia Italiana
Metallurgia, Manchr.—Metallurgia, Manchester, England
Metal Treatm.—Metal Treatment and Drop Forging, London
Metals Technol.—Metals Technology (superseded by *Journal of Metals*)
Metalurg. y Elect.—Metalurgia y Electricidad, Madrid, Spain
Meteor. Abstr.—Meteorological Abstracts and Bibliography, Boston, Mass.
Meteor. Rdsch.—Meteorologische Rundschau, Berlin
Minist. Obras Públ., Lab. Engen. civ. Lisboa Pub.—Publications of the Ministerio das Obras Públicas, Laboratorio de Engenharia Civil
Miscellanea Academica, Berolinensia—Miscellanea Academica, Berolinensia
Mitt. Inst. Aerodyn., ETH, Zürich—Mitteilungen aus dem Institut für Aerodynamik, Eidgenössische Technische Hochschule
Mitt. Inst. Baustat., ETH, Zürich—Mitteilungen aus dem Institut für Baustatik, Eidgenössische Technische Hochschule
Mitt Inst. Thermodyn. Verbrennungsmotor., ETH Zürich—Mitteilungen aus dem Institut für Thermodynamik und Verbrennungsmotorenbau, Eidgenössische Technische Hochschule
Mitt. Max-Planck-Inst. Strömungsforschung—Mitteilungen aus dem Max Planck Institut für Strömungsforschung, Göttingen
Mitt. T.K.V.S.B.—Mitteilungen der Technische Kommission des Verbandes Schweizerischer Bruckenbau- und Stahlhochbau-Unternehmungen
Mtt. Wöhler Inst.—Mitteilungen des Wöhler-Instituts, Braunschweig
Mod. Plastics—Modern Plastics, New York
Monogr. Lab. Aero. Politecn. Torino—Monografie, Laboratorio di Aeronautica del Politecnico di Torino
Monogr. sci. Aero.—Monographie Scientifiche di Aeronautica, Roma
Monthly Not. roy. Astron. Soc., Geophys. Suppl.—Monthly Notices of the Royal Astronomical Society, Geophysical Supplement, London
Motortech. Z.—Motortechnische Zeitschrift, Stuttgart
Müeg. Közl.—see *Publ. tech. Univ. Budapest (Müeg. Kozl.)*
Müszaki Magyar Tech.—Müszaki élet a Magyar Technika, Budapest

N

NACA Ann. Rep.—National Advisory Committee for Aeronautics Annual Report
NACA TM—National Advisory Committee for Aeronautics Technical Memorandum
NACA TN—National Advisory Committee for Aeronautics Technical Note
NACA Rep.—National Advisory Committee for Aeronautics Report
Nat. aero. Establ. Canad. AR—National Aeronautical Establishment, Canada, Aeronautical Report (formerly National Research Council, Canada, Aeronautical Report)
Nat. aero. Establ. Canad. AR—National Aeronautical Establishment, Canada, Aeronautical Report (formerly National Research Council, Canada, Aeronautical Report)
Nat. aero. Establ. Canad. LR—National Aeronautical Establishment,

Canada, Laboratory Report (formerly National Research Council, Canada)
Nat. aero. Establish. Canad., Note—National Aeronautical Establishment, Canada, Note (formerly National Research Council, Canada)
Nat. Build. Studies, Dept. sci. industr. Res. Lond., tech. Rep.—National Building Studies, Department of Scientific and Industrial Research, London, Technical Report
Nat. Bur. Stands. Circ.—National Bureau of Standards Circulars, Washington, D. C.
Nat. Bur. Stands. misc. Publ.—National Bureau of Standards Miscellaneous Publications, Washington, D. C.
Nat. Coll. Heat. Vent. Refrig., Fan Engng. Bull.—National College of Heating, Ventilation, Refrigeration, Fan Engineering Bulletin
Nat. LuchtLab. Amsterdam Rap.—Nationaal Luchtvaartlaboratorium Rapport, Amsterdam
Nat. Res. Counc. Canad. mech. Engng.—National Research Council, Canada, Division of Mechanical Engineering, Ottawa
Nat. Res. Counc. Highway Res. Bd. Abstr.—Abstracts of the National Research Council Highway Research Board, Washington, D. C.
Nat. Res. Counc. Highway Res. Bd. Proc.—Proceedings of the National Research Council Highway Research Board, Washington, D. C.
Nat. Res. Counc. Highway Res. Bd. Res. Rep.—Research Reports of the National Research Council Highway Research Board
Nature—Nature, London
Naturwissenschaften—Die Naturwissenschaften, Berlin
Nav. Ord. Lab. Rep.—Naval Ordnance Laboratory Report, Washington, D. C.
N.E. Cst. Instn. Engrs. Ship. Trans.—Transactions of the North East Coast Institution of Engineers and Shipbuilders, Newcastle-on-Tyne, England
Ned. Akad. Wetensch. Proc.—see *Proc. K. Ned. Akad. Wetensch.*
Ned. Tijdschr. Natuurkunde—Nederlandsch Tijdeschrift voor Natuurkunde, The Hague
NEPA—Fairchild Engine and Airplane Corporation, Nuclear Energy Power for Aircraft, Heat Transfer Lectures
Noise Control—Noise Control, New York
Nondestructive Testing—Nondestructive Testing
Norges Tekn.-Naturvitensk. Forskningsrad, Byggetekn. Utvalg—Norges Teknisk-Naturvitenskapelige Forskningsrad, Byggeteknisk Utvalg
Norske Vid. Selsk Förh. Trondheim—see *K. norske Vidensk. Selsk. Förh.*
Nucl. Energy Power Aircr. Heat Transf., Lect. II—see *NEPA*
Nucleonics—Nucleonics, New York
Nuovo Cim.—Il Nuovo Cimento, Bologna

O

Oceanogr. Mag.—Oceanographical Magazine, Tokyo
ONERA NT—Office National d'Études et de Recherches Aéronautiques Note Technique, Paris
ONERA Publ.—Publication of the Office National d'Études et de Recherches Aéronautiques, Paris
Öntöde—Öntöde
Ossature metall.—L'Ossature Métallique, Bruxelles
Öst. Akad. Wiss. math.-nat. Kl. Anz.—Österreichische Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Klasse Anzeiger
Öst. Akad. Wiss. math.-nat. Kl. S.B. IIa.—Österreichisches Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Klasse, Sitzungsberichte, Abteilung IIa.
Öst. Bauzeitschr.—Österreichische Bauzeitschrift
Öst. Ing.-Arch.—Österreichisches Ingenieur-Archiv, Wien

P

Pacific J. Math.—Pacific Journal of Mathematics
Pap. Meteor. Geophys.—Papers on Meteorology and Geophysics, Meteorological Research Institute, Tokyo
Pap. phys. Oceanogr. Meteor.—Papers in Physical Oceanography and Meteorology, Woods Hole, Mass.
Phil. Mag.—The Philosophical Magazine, London
Philips Res. Rep.—Philips Research Reports, New York
Philips tech. Rev.—Philips Technical Review, New York
Phil. Trans. roy. Soc. Lond. (A)—Philosophical Transactions of the Royal Society of London, Series A.
Phys. Rev.—The Physical Review, New York
Physica—Physica, The Hague
PIBAL Rep.—see *Polyt. Inst. Brooklyn Aero. Lab. Rep.*
Planen u. Bauen—Planen und Bauen, Berlin
Plastica—Plastica, Delft
Polish tech. Abstr.—Polish Technical Abstracts (Główny Instytut dokumentacji naukowo-technicznej), Warsaw
Polyt. Inst. Brooklyn, Aero. Lab. Rep.—Polytechnic Institute of Brooklyn, Aeronautical Laboratories Report
Pont. Acad. Sci. Acta—see *Acta Pont. Acad. Sci.*
Pont. Acad. Sci. Scripta Varia—Pontificia Academia Scientiarum, Scripta Varia
Power Engng.—Power Engineering, Chicago
Prace Badawcze Główny Inst. Metal. Odlew.—Prace Badawcze, Główny Institut Metalurgii i Odlewnictwa, Krakow
Prace Mat.—Prace Matematyczne, Krakow
Prikl. Mat. Mekh.—Prikladnaya Matematika i Mekhanika
Proc. Amer. Acad. Arts Sci.—Proceedings of the American Academy of Arts and Sciences
Proc. Amer. Soc. civ. Engrs.—Proceedings of the American Society of Civil Engineers
Proc. ASTM—Proceedings of the American Society for Testing Materials
Proc. Camb. phil. Soc.—Proceedings of the Cambridge Philosophical Society, London
Proc. Computation Semin.—Proceedings of the Computation Seminar
Proc. Conf. Shear Charact. Soils—Proceedings of the Conference on Shear Characteristics of Soils
Proc. First Conf. Coast. Engng.—Proceedings of the First Conference on Coastal Engineering, University of California
Proc. Glasgow math. Assoc.—Proceedings of the Glasgow Mathematical Association
Proc. Heat. Transf. fluid Mech. Inst.—Proceedings of the Heat Transfer and Fluid Mechanics Institute
Proc. Highway Res. Bd. Ann. Meet.—Proceedings of the Highway Research Board, Annual Meeting
Proc. Indian Acad. Sci. (A)—Proceedings of the Indian Academy of Sciences, Section A, Bangalore
Proc. Instn. civ. Engrs.—Proceedings of the Institution of Civil Engineers, formerly *Journal of the Institution of Civil Engineers*
Proc. Instn. mech. Engrs.—see *Instn. mech. Engrs. Proc.*
Proc. int. Conf. Math.—Proceedings of the International Conference of Mathematicians
Proc. int. Conf. Soil Mech. Found. Engng.—Proceedings of the International Conference on Soil Mechanics and Foundation Engineering, Harvard University, Cambridge, Mass.
Proc. int. rheolog. Congr. Holland—Proceedings of the International Rheological Congress in Holland
Proc. IRE—Proceedings of the Institute of Radio Engineers
Proc. k. Ned. Akad. Wet.—Proceedings Koninklijke Nederlandsche Akademie van Wetenschappen, Amsterdam
Proc. Lond. math. Soc.—Proceedings of the London Mathematical Society, London
Proc. Midwest. Conf. fluid Dynamics—Proceedings on the Midwestern Conference on Fluid Dynamics.
Proc. nat. Acad. Sci. Wash.—Proceedings of the National Academy of Sciences of the United States of America
Proc. nat. Conf. indust. Hyd.—Proceedings of the National Conference on Industrial Hydraulics, Armour Research Foundation, Chicago
Proc. nat. Inst. Sci. India—Proceedings of the National Institute of Sciences of India, Calcutta
Proc. of Soc. for Exp. Stress Anal.—see *Proc. Soc. exp. Stress Anal.*
Proc. Phys. Soc. (Japan)—Proceedings of the Physics Society (Japan)
Proc. phys. Soc. Lond.—Proceedings of the Physical Society of London
Proc. roy. Irish Acad. (A)—Proceedings of the Royal Irish Academy, Section A (Mathematics, Astronomy, Physical Sciences), Dublin
Proc. roy. Soc. Edinburgh—Proceedings of the Royal Society of Edinburgh
Proc. roy. Soc. Lond. (A)—Proceedings of the Royal Society, Series A, Mathematical and Physical Sciences, London
Proc. roy. Swed. Acad. Engng. Sci.—Proceedings of the Royal Swedish Academy of Engineering Sciences, Stockholm
Proc. S. Wales Inst. Engrs.—Proceedings of the South Wales Institute of Engineers
Proc. second U. S. nat. Congr. appl. Mech.—Proceedings of the Second U. S. National Congress of Applied Mechanics, Ann Arbor, Mich., June 14–18, 1954
Proc. seventh int. Congr. appl. Mech.—Proceedings of the Seventh International Congress of Applied Mechanics
Proc. Soc. exp. Stress Anal.—Proceedings of the Society for Experimental Stress Analysis, Cambridge, Mass.
Proc. Swed. Cem. Concr. Res. Inst., Roy. Inst. Technol., Stockholm—Proceedings, Swedish Cement and Concrete Research Institute of the Royal Institute of Technology, Stockholm
Proc. Symp. appl. Math.—Proceedings of the Symposium on Applied Mathematics

Proc. 3rd Anglo-Amer. aero. Conf.—Proceedings of the Third Anglo-American Aeronautical Conference, Royal Aeronautical Society, London
Proc. 3rd intern. Conf. Soil Mech.—Proceedings of the Third International Conference on Soil Mechanics
Prod. Engng.—Product Engineering, New York
Prog. math. Sci.—Progress of Mathematical Sciences, Moscow
Prog. phys. Sci.—Progress in Physical Sciences, Moscow
Przegl. mech.—Przeglad Mechaniczny, Warszawa
Przegl. tech.—Przeglad Techniczny, Warszawa
Pubbl. Fac. Ing., Univ. Pisa—Pubblicazione Facultad d'Ingeniere, Università di Pisa
Publ. Dom. Observ.—Publications of the Dominion Observatory, Ottawa
Publ. int. Assn. Bridge struct. Engng.—Publications of the International Association for Bridge and Structural Engineering, Zürich
Publ. Labor. Photoelast. EPF Zurich—Publication du Laboratoire de Photoelasticité, École Polytechnique Fédérale, Zürich
Publ. math. Inst. math. Acad. Serbe Sci.—Publications Mathématiques de l'Institut Mathématique de l'Académie Serbe des Sciences
Publ. sci. tech. Min. Air, France—Publications Scientifiques et Techniques du Ministère de l'Air, Paris
Publ. tech. Univ. Budapest (Müeg. Közl.)—Publications of the Hungarian Technical University (Müegyetemi Közlemenyek), Budapest
Public Rds.—Public Roads, Washington, D. C.
Purdue Univ. agricul. Exp. Sta. Bull.—Purdue University, Agricultural Experiment Station, Bulletin

Q

Quart. appl. Math.—Quarterly of Applied Mathematics, Brown University, Providence, R. I.
Quart. J. Math.—Quarterly Journal of Mathematics, Oxford Series, London
Quart. J. Mech. appl. Math.—Quarterly Journal of Mechanics and Applied Mathematics, Oxford
Quart. J. roy. meteor. Soc.—Quarterly Journal of the Royal Meteorological Society, London.

R

R. C. Accad. Lincei—see *Atti. Accad. Naz. Lincei, R. C. Sci. Fis. Mat. Nat. Rome*
R. C. Accad. Sci. Fis. Mat. Soc. naz. Sci. Lett. Arti Napoli—Rendiconti dell'Accademia delle Scienze Fisiche e Matematiche, Napoli
R. C. Circ. Mat. Palermo—Rendiconti del Circolo Matematico di Palermo
R. C. Ist. Lombardo Sci.—Rendiconti dell' Istituto Lombardo di Scienze e Lettere, Milano
R. C. Mat. Appl.—Rendiconti di Matematica e delle sue Applicazioni, Università di Roma
R. C. Semin. Fac. Sci. Univ. Cagliari—Rendiconti del Seminario della Facoltà di Scienze dell' Università di Cagliari, Italy
R. C. Semin. mat. fis. Milano—Rendiconti del Seminario Matematico e Fisico di Milano
R. C. Semin. mat. Univ. Padova—Rendiconti del Seminario Matematico dell' Università di Padova
Rech. aéro.—La Recherche Aéronautique, Paris
Ref. J., Mech. Ser. (Russian)—see *Ref. Zh. Ser. Mekh.*
Ref. Zh. Ser. Math.—Referativnĭ Zhurnal Matematika, Moscow
Ref. Zh. Ser. Mekh.—Referativnĭ Zhurnal Mekhanika, Moscow
Refrig. Engng.—Refrigerating Engineering, New York
Regelungstech.—Regelungstechnik; Zeitschrift für steuern und regeln, München
Rep. Inst. high Speed Mech., Tohôku Univ.—Reports of the Institute of High Speed Mechanics, Tohôku University
Rep. Inst. Sci. Technol. Tokyo—Reports of the Institute of Science and Technology, Tokyo
Rep. Memo. aero. Res. Counc. Lond.—see *Aero. Res. Counc. Lond. Rep. Memo*
Rep. Res. Inst. appl. Mech. Kyushu Univ.—Reports of the Research Institute of Applied Mechanics of the Kyushu University, including elasticity engineering and fluid engineering.
Rep. Res. Inst. Elast. Engng. Kyushu Univ.—Reports of the Research Institute of Elasticity Engineering of the Kyushu University
Rep. Res. Inst. Fluid Engng., Kyushu Univ.—Reports of the Research Institute of Fluid Engineering, Kyushu University, Fukuoka
Rep. Res. Inst. Technol. Nihon Univ.—Reports of the Research Institute of Technology, Nihon University
Rep. scient. Res. Inst. Tokyo—Reports of the Scientific Research Institute, Tokyo
Research, Lond.—Research, London
Results mar. meteor. oceanogr. Observations—Results of Marine, Meteorological and Oceanographic Observations, Central Meteorological Observatory, Tokyo
Rev. Cienc. apli.—Revista de Ciencia Aplicada, Madrid
Rev. Fac. Cienc. exact. fis. nat. Univ. Cordoba—Revista de la Facultad de Ciencias Exactas, Fisicas y Naturales, Universidad Nacional, Buenos Aires
Rev. Fac. Sci., Univ. Istanbul—Istanbul Üniversitesi Fen Fakültesi Mecmuasi, Revue de la Faculté des Sciences de l'Université d'Istanbul
Rev. gén. Élec.—Revue Générale de l'Électricité
Rev. gén. Hyd.—Revue Générale de l'Hydraulique
Rev. gén. Mécan.—Revue Générale de Mécanique
Rev. Inst. fr. Petrole et Ann. Comb. liq.—Revue de l'Institut Français du Petrole et Annales des Combustibles Liquid
Rev. Mat. Hisp.-Amer.—Revista Matemática Hispano-Americana
Rev. Matér. Constr.—Revue des Matériaux de Construction et de Travaux Publics, Neuilly-sur-Seine
Rev. Métall.—Revue de Métallurgie
Rev. mod. Phys.—Reviews of Modern Physics, New York
Rev. Opt. (théor. instrum.)—Revue d'Optique (Théorique et Instrumentale)
Rev. Ordem Engrs.—Revista da Ordem dos Engenheiros, Lisbon
Rev. sci. Instrum.—Review of Scientific Instruments, New York
Rev. Soc. Cubana Cienc. Fis. Mat.—Revista de la Sociedad Cubana de Ciencias Fisicas y Matematicas, Habana
Rev. Soudure—Revue de la Soudure, Bruxelles
Rev. trim. Canad.—Revue Trimestrielle Canadienne, Montreal
Rev. univ. Min.—Revue Universelle des Mines, de la Métallurgie des Travaux Publics, Liége
Rev. Univ. nac. La Plata, Fac. Cienc. Fisicomat.—Revista de la Universidad nacional de La Plata, Facultad de Ciencias, Fiscomatematicas
Rev. Univ. nac. Tucumán (A)—Revista de la Universidad Nacional de Tucumán, Series A
Ric. Mat.—Ricerche di matematica
Ric. sci.—La Ricerca Scientifica, Roma
Ricerca, Napoli—La Ricerca, Revista di Matematiche Pure ed Applicate, Naples
Riv. aero.—Revista Aeronautica, Roma
Riv. maritt. Suppl. tecn.—Rivista Marittima Supplemento Tecnico
Riv. Mat. Univ. Parma—Rivista di Matematica dell' Università di Parma
Riv. milit.—Rivista Militare, Roma
Roy. Inst. Technol. Div. Aero., Stockholm, KTH-Aero TN—Royal Institute of Technology, Division of Aeronautics, Stockholm
Roy. Swed. Air Board Rep.—Reports of the Royal Swedish Air Board
Rozprawy Inż.—Rozprawy Inżynierskie (Warsaw), Polska Akademie Nauk. Instytut Podstawowych Problemów Techniki

S

SAAB Aircr. Co. Linköping, TN—Svenska Aeroplan Aktiebolaget, SAAB Aircraft Co., Linköping, Sweden, Technical Note
SAE J.—Journal of the Society of Automotive Engineers
SAE Quart. Trans.—Quarterly Transactions of the Society of Automotive Engineers
S. B. dtsch. Akad. Wiss.—Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin
S. B. math.-nat. Kl. bay. Akad. Wiss.—Sitzungsberichte der mathematisch-naturwissenschaftlichen Klasse der Bayerischen Akademie der Wissenshaften zu München
Sborn. Masaryk. Akad. Práce—Sbornik Masarykovy Akademie Práce
Schip en Werf—Schip en Werf, Rotterdam
Schweissen Schneiden—Schweissen und Schneiden
Schweiz. Arch.—Schweizer Archiv für Angewandte Wissenschaft und Technik, Zürich
Schweiz. Bauztg.—Schweizerische Bauzeitung, Zürich
Schweiz. Verb. MatPrüf. Tech. Ber.—Schweizer Berband für die Materialprüfungen der Technik, Bericht, Zürich
Sci. Pap. Coll. gen. Education., Univ. Tokyo—Scientific Papers of the College of General Education, University of Tokyo
Sci. Rep. Res. Inst. Tohôku Univ. Japan (A)—Science Reports of the Research Institutes, Series A, Tohôku University
Science of Machine, Tokyo—Science of Machine, Tokyo
Scient. Lubr.—Scientific Lubrication
Sherman M. Fairchild Publ. Fund Pap.—Sherman M. Fairchild Publication Fund Papers
Shipbuilder—Shipbuilder and Marine Engine-Builder, Newcastle-on-Tyne, England

Skipsmodelltankens. Medd.—see *Medd. Skipsmodelltankens*
Soc. auto. Engrs. J.—see *SAE J.*
Soc. exp. Stress Anal.—see *Proc. Soc. exp. Stress Anal.*
Soc. nav. Arch. mar. Engr.—see *Trans. Soc. nav. Arch. mar. Engr.*
Soil Science—Soil Science
Soobshchen. Akad. Nauk Gruzin. SSR—Soobshcheniya Akademiĭ Nauk Gruzinskoi SSR
Soviet Phys. (JETP)—Soviet Physics (JETP)
Stahl Eisen—Stahl und Eisen, Düsseldorf
Stahlbau—Stahlbau, Berlin
Stanki i Instrument—Stanki i Instrument
State Univ. Iowa, Engng. Repr.—State University of Iowa, Engineering Reprint
Steel Constr. Dig.—Steel Construction Digest, New York
Strojírenství—Strojírenství, Praha
Struct. Engr.—Structural Engineer, London
Stud. math. Phys. Tokyo—Studies in Mathematical Physics, Tokyo
Studia math.—Studia mathematica. Lwów
Studii si cercetari Mecan. appl.—Studii si Cercetări de Mecanica Applicata, Bucuresti
Studii si cercetari stiint.—Studii si Cercetări stiintifice (Academia Republicii Populare Române, Filiala Cluj) Cluj, Rumania
Studies appl. Math., Univ. Utah—Studies in Applied Mathematics, University of Utah
Studii si cercetari Matematice—Studii si Cercetari Matematice, Bucaresti
Sulzer tech. Rev.—Sulzer Technical Review, Switzerland
Sven. Forskningsinst. Cement Betong Medd.—Svenska Forskningsinstitutet för Cement och Betong Meddelande vid Kungl, Tekniska Hogskolan i Stockholm
Sven. TräforskInst. Medd.—Svenska Träforskningsinstitutet Trätekniska Avdelningen Meddelande, Stockholm
Swedish Cem. Concr. Res. Inst. Bull.—see *Sven. Forskningsinst. Cement Betong Medd.*
Swed. Cem. Concr. Res. Inst. Roy. Inst. Technol. Stockholm. Proc.—see *Proc. Swed.*, etc.
Swiss Fed. Inst. Techn. Zürich Pub.—Swiss Federal Institute of Technology, Zürich, Publications

T

Tech. Chronika, Athens—Technika Chronika, Athens
Tech. Data Digest—see *CADO tech. Data Digest*
Tech. Lotnicza—Technika Lotnicza, Warsaw
Tech. Messen Einzeldarst—see *Arch. tech. Messen*
Tech. Mitt. Krupp—Technishe Mitteilungen Krupp
Tech. mod.—Technique Moderne, Paris
Tech. mod. Constr.—La Technique Moderne Construction, Paris
Tech. Wet. Tijdschr.—Technisch-Wetenschappelijk Tijdschrift, Antwerp
Techn. Lotn.—Technika Lotnicza, Warzawa
Technik—Die Technik, Berlin
Technol. Rep. Osaka Univ.—Technology Reports of the Osaka University
Técn. Metalúrg.—Técnica Metalúrgica
Tecn. y Econom.—Tecnica y Economia, Bahiá Blanca
Tehn. Pregled—Tehnicki Pregled, Zagreb
Tekh. Vozdushnogo Flota—Tekhnika Vozdushnogo Flota
Tekn. Skr.—Tekniske Skrifter, Oslo
Tekn. Tidskr.—Teknisk Tidskrift, Stockholm
Tekn. Ukeblad, Oslo—Tekniske Ukeblad, Oslo
Tellus—Tellus, Stockholm
Teplo energetika—Teplo energetika, Moscow
Termotecnica—La Termotecnica, Milano
Terres et Eaux—Terres et Eaux, Algérie
Texas Engng. Exp. Sta. Bull.—Bulletin of the Texas Engineering Experiment Station
Texas Engng. Exp. Sta. Res. Rep.—Texas Engineering Experiment Station Research Reports
Text. Res. J.—Textile Research Journal, New York
Thermik—Thermik, Monatsschrift für den Internationalen Segelflugsport, Göttingen
Tool Engr.—Tool Engineer
Trans. Amer. Foundrymen's Soc.—Transactions of the American Foundrymen's Society
Trans. Amer. geophys. Un.—Transactions of the American Geophysical Union
Trans. Amer. Inst. min. metall. Engrs.—Transactions of the American Institute of Mining and Metallurgical Engineers
Trans. ASME—Transactions of The American Society of Mechanical Engineers
Trans. Amer. Soc. civ. Engrs.—Transactions of the American Society of Civil Engineers
Trans. Amer. Soc. Metals—Transactions of the American Society for Metals
Trans. Chalmers Univ. Technol.—Transactions of Chalmers University of Technology, Göteborg
Trans. Dan. Acad. tech. Sci.—Transactions of the Danish Academy of Technical Sciences, Copenhagen
Trans. Faraday Soc.—Transactions of the Faraday Society, London
Trans. fourth Congr. Intern. Comm. Large Dams—Transactions of the Fourth Congress of the International Commission for Large Dams
Trans. Inst. mar. Engrs.—Transactions of the Institute of Marine Engineers, London
Trans. Instn. Engrs. Shipb. Scot.—Transactions of the Institution of Engineers and Shipbuilders of Scotland, Glasgow
Trans. Instn. nav. Arch. Lond.—Transactions of the Institution of Naval Architects, London
Trans. Japan. Soc. civ. Engng.—Transactions of the Japanese Society of Civil Engineering
Trans. Japan Soc. mech. Engrs.—Transactions of the Japan Society of Mechanical Engineers, Tokyo
Trans. N. E. Cst. Instn. Engrs. Shipb.—see *N. E. Cst. Instn. Engrs. Shipb. Trans.*
Trans. roy. Inst. Technol. Stockholm—Transactions of the Royal Institute of Technology, Stockholm
Trans. roy. Soc. Canad. (III)—Transactions of the Royal Society of Canada, Section III, Chemical, Mathematical and Physical Sciences, Ottawa
Trans. roy. Soc. Canad. (IV)—Transactions of the Royal Society of Canada Section IV, Geological Sciences including Mineralogy, Ottawa
Trans. roy. Soc. Lond. Ser. A—see *Phil. Trans. roy. Soc. Lond. (A)*
Trans. S. African Instn. civ. Engrs.—Transactions of the South African Institution of Civil Engineers
Trans. Soc. mech. Engrs. Japan—Transactions of the Society of mechanical Engineers of Japan
Trans. Soc. nav. Arch. mar. Engrs.—Transactions of the Society of Naval Architects and Marine Engineers
Trend. Engng. Univ. Wash.—Trends in Engineering at the University of Washington, Seattle, Wash.
Trudí Fiz. Inst. Akad. Nauk SSSR—Trudi Fiziologichesko i Institut Akademiya Nauk SSSR, Komissiya po Fiziologicheskoĭ Akustike
Trudí Inst. Mashinoved.—Akademiia Nauk SSSR, Trudí Instituta Mashinovedemiia, Seminara po Teorii Mashin i Mekhanizmov (formerly *Akad. Nauk SSSR Trudí Sem. Teorii Mash. Mekh.*)
Trudí Moskov. Mat. Obsc.—Trudí Moskovskogo, Matematicheskogo Obschchestvo, Moscow
Trudí Sem. teor. Mash. Mekh.—Trudí Seminara po Teoriĭ Mashchin i Mekhanizmov

U

Uchen. Zap. mosk. Univ.—Uchenye Zapiski Moskovskogo Gosudarstvennogo Universiteta
Ukrain. mat. Zh.—Akademia Nauk Ukrainskoĭ SSR Institut Matematiki, Ukrainskiĭ Matematicheskiĭ Zhurnal, Kiev
Univ. Calif. Dept. Engng. tech. Rep.—University of California Department of Engineering Technical Report
Univ. Ill. Engng. Exp. Sta. Bull.—University of Illinois Engineering Experiment Station Bulletin
Univ. Ill. Inst. Aero. Bull.—University of Illinois Institute of Aeronautics Bulletin
Univ. Iowa Stud. Engng. Bull.—University of Iowa Studies in Engineering, Bulletin, Iowa City, Iowa
Univ. Minn. Inst. Technol. Engng. Exp. Sta. tech. Pap.—University of Minnesota Institute of Technology, Engineering Experiment Station technical Paper
Univ. nac. La Plata Publ. Fac. Ci. Fisicomat.—Universidad Nacional de La Plata, Publicaciones de la Facultad de Ciencias Fisicomàtematicas, Argentina
Univ. Politecn. Torino R.C. Sem. Mat.—Università e Politecnica di Torino, Rendiconti del Seminario Matematico (formerly . . . . . *Sem. Mat. Fis*)
Univ. Roma, Ist. naz. Alta Mat. R.C. Mat. Applic.—Università di Roma, Istituto Nazionale di Alta Matematica, Rendiconti di Matematica e delle sue Applicazioni
Univ. Tehran Fac. Sci. Publ.—University of Tehran, Publications of the Science Faculty.
Univ. Texas Circ.—University of Texas Circulars
Univ. Texas Publ.—Publications of the University of Texas
Univ. Toronto Inst. Aerophys. Rep.—University of Toronto, Institute of Aerophysics, Report

Univ. Utah Engng. Exp. Sta.—University of Utah Engineering Experiment Station
Univ. Wash. Engng. Exp. Sta. Bull.—University of Washington Engineering Experiment Station Bulletin, Seattle
Univ. Wisc., Nav. Res. Lab.—University of Wisconsin, Naval Research Laboratory
U. S. Dept. Agric. Soil Conserv. Serv. tech. Bull.—United States Department of Agriculture Soil Conservation Service Technical Bulletin
U. S. nav. Ord. Test Sta., Inyokern, Rep.—United States Naval Ordnance Test Station Reports, Inyokern, Cal.
U. S. nav. Ord. Test Sta., Inyokern, tech. Memo.—United States Naval Ordnance Test Station Technical Memorandum, Inyokern, Calif.
Usp. fiz. Nauk—Uspekhi Fizicheskikh Nauk
Usp. matem. Nauk (N.S.)—Uspekhi Matematicheskikh Nauk, Novaya Seriya

V

Värme—Värme
VDI-Forschungsheft—Verein Deutscher Ingenieure Forschungsheft, Berlin
Vestnik Drusht. Mat. Fiz.—Vestnik Drushtva Matematichara i Fizicara Narodne Republike Srbiye, Beograde
Vestnik Mash.—Vestnik Mashinostroeniya, Moscow (USSR Ministerstvo tiazheloi Promyshlennosti)
Vestnik Moskov. Univ. Ser. Fiz.-Mat. Estest. Nauk—Vestnik Moskovskogo Universiteta, Seriya Fiziko-Matematechikh i Estestvennikh Nauk
Vierteljahrsschr. naturforsch. Ges. Zürich—Vierteljahrsschrift der naturforschenden Gesellschaft in Zürich
Virginia J. Sci.—Virginia Journal of Science
Virginia Polyt. Inst. Engng. Exp. Sta. Bull.—Virginia Polytechnic Institute, Engineering Experiment Station Bulletin
Víz. Közl.—Vízugyi Közleményei, Budapest
von Roll Mitteilungen—von Roll Mitteilungen, Switzerland
Voordr. Konink. Inst. Ing. (Oosthoek, Utrecht)—Voordrachten Gehouden voor het Koninklijk Instituut van Ingenieurs (published by Oosthoek, Utrecht).

W

Wasserwirtschaft, Wien—Wasserwirtschaft (und technik), Wien
Weld. Res. Suppl.—Welding Research Council of the Engineering Foundation, Supplement, New York
Welding J.—Welding Journal
Welding Res. Council Bull.—see *Bull. Welding Res. Counc.*
Welding Res. Supplement—see *Weld. Res. Suppl.*
Weltraumfahrt—Weltraumfahrt
Werkstatt u. Betrieb—Werkstatt und Betrieb
Werkstattstech. Maschinenb.—Werkstattstechnik und Maschinenbau
Werkstoffe u. Korr.—Werkstoffe und Korrosion, Weinheim
Wiadomości PKN—Wiadomości PKN
Wood—Wood and Wood Products, Chicago
World Oil—World Oil
Wright Air Development Center Tech. Rep.—see *AF Tech. Rep.*
Wwys Exp. Sta. Bull.—Bulletin of the Waterways Experiment Station of the U. S. Army, Corps of Engineers, Vicksburg, Miss.
Wwys. Exp. Sta. tech. Memo.—Waterways Experiment Station technical Memorandum, U. S. Army, Corps of Engineers, Vicksburg, Miss.
Wwys. Exp. Sta. Transl.—Translations of the Waterways Experiment Station of the U. S. Army, Corps of Engineers, Vicksburg, Miss.

Z

ZAMM—Zeitschrift für Angewandte Mathematik und Mechanik, Berlin
ZAMP—Zeitschrift für Angewandte Mathematik und Physik, Basel
ZVDI—Zeitschrift des Vereines Deutcher Ingenieure, Düsseldorf
Z. angew. Phys.—Zeitschrift für angewandte Physik
Z. Flugwiss.—Zeitschrift für Flugwissenschaften, Braunschweig
Z. Metallk.—Zeitschrift für Metallkunde, Stuttgart (formerly *Mettalforschung*)
Z. Meteor.—Zeitschrift für Meteorologie, Berlin
Z. Naturforsch.—Zeitschrift für Naturforschung, Weisbaden
Z. Phys.—Zeitschrift für Physik, Berlin
Z. Öst. Ing. Arch.-Ver.—Zeitschrift der Österreichischen Ingenieur und Architeckten-Vereines
Zavod. Lab.—Zavodskaya Laboratoriya
Zbirnik Prać Inst. Mat., Akad. Nauk URSR—Zbirnik Prać Institutu Matematiki, Akademiya Nauk Ukrainskoi RSR
Zbl. Math.—Zentralblatt für Mathematik und Ihre Grezgebiete, Berlin
Zement-Kalk-Gips—Zement-Kalk-Gips
Zh. eksp. teor. Fiz.—Zhurnal eksperimental noi I teoreticheskoi Fiziki
Zh. tekh. Fiz.—Zhurnal tekhnicheskoĭ fiziki
Zizin.—Journal of the Seismological Society of Japan, Tokyo